

**NSPS SEMI-ANNUAL REPORT (01/01/10-06/30/10)**  
**Bridgeton Landfill, LLC**  
**Bridgeton, Missouri**

**Installation ID Number 189-0312**  
**Aquaterra Project Number 3788.10**  
**July 2010**

**Prepared For:**  
**Bridgeton Landfill, LLC**  
**13570 St. Charles Rock Road**  
**Bridgeton, Missouri**

**AQUA**TERRA****

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**BRIDGETON, MISSOURI**

## **1.0 INTRODUCTION**

In accordance with 10 CSR 10-5.490(7)(H) each landfill that has a calculated non-methane organic compound (NMOC) emission rate equal to or greater than 25 Megagrams per year and a capacity greater than 1.0 million Megagrams must submit a Semi-annual report summarizing the gas system operations to verify compliance with 10 CSR 10-5.490, Municipal Solid Waste Landfills. In addition to the local requirements, the municipal solid waste landfill's NMOC emissions exceed 50 Megagrams per year; therefore, the installation is subject to the requirements set forth in 40 CFR 60 Subpart WWW, New Source Performance Standards for Municipal Solid Waste Landfills (NSPS). This report serves as the semi-annual NSPS Report for the reporting period January 1, 2010 through June 30, 2010.

Documented in this report are exceedances of monitored parameters under 10 CSR 10-5.490 and 40 CFR 60 Subpart WWW. Information regarding operation of the landfill gas (LFG) extraction system was obtained from Bridgeton Landfill. The information regarding landfill surface monitoring was obtained from Herst and Associates. The wellfield monitoring data and the control device monitoring data was obtained from Monitoring Control and Compliance, Inc. (MCC) and Bridgeton Landfill.

Landfill gas at the Bridgeton Landfill is currently being collected from 85 gas extraction wells and associated header piping to a 3,500 standard cubic feet per minute (SCFM) enclosed flare for control. In addition to the above control system the facility currently has six (6) leachate extraction wells within waste to control odor. One of the six leachate extraction well was replaced during this reporting period. The site also contains one perimeter trench comprised of seven (7) wells and 54 perimeter gas extraction wells to address off-site migration.

## **2.0 COMPLIANCE REPORTING**

The following discusses each of the monitored parameters to be addressed in the semi-annual report to comply with 10 CSR 10-5.490, Municipal Solid Waste Landfills.

### **2.1 Exceedance of Monitoring of the Collection System**

*Regulation 10 CSR 10-5.490(7)(H)1 requires reporting of the value and length of time for exceedance of applicable parameters monitored under subsections (6)(A), (B), (C), and (D).*

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Appendix A contains results of wellfield monitoring conducted during the reporting period including the value and length of time for each exceedance of an applicable parameter. Per the site's standard operating procedure, immediate action is taken in instances that exceedances are monitored. The corrective action required within five days is taken the same day the exceedance is monitored. Subsequent monitoring occurs within 15 days of a monitored exceedance if same-day corrective action did not result in immediate compliance. This ensures compliance with applicable parameters has been obtained within the allowed timeframe.

Bridgeton Landfill received approval from the St. Louis County Department of Health to operate a number of wells with negative pressure only, in a letter dated May 29, 2007. The wells which were excluded from temperature and oxygen concentration limits include the perimeter trench wells (BrigT-1 through BrigT-6 and BrigT-56) as well as the perimeter gas extraction wells (BRIPEW01-60). However, it was determined that the perimeter well BRIPEW60 is located in waste; therefore, that well must comply with temperature, pressure and oxygen concentration limits. Additionally, the perimeter wells BRIPEW54 through 59 have been abandoned and disconnected from the gas system and therefore are no longer active wells.

### **2.1.1 Gauge Pressure**

*Regulation 10 CSR 10-5.490(5)(A)3 requires the operation of the collection system with negative pressure at each wellhead. Any instance where non-negative pressure is monitored, the location and duration of the exceedance shall be documented.*

Based on the wellfield data enclosed in Appendix A, instances of positive pressure were recorded during wellfield balancing. Action was taken within 5 days to correct the exceedances; the wells were re-monitored within 15 calendar days to verify compliance. Based on the wellfield monitoring data in Appendix A, no other instances of pressure above the regulatory level was recorded during the reporting period outside the allotted time frames.

### **2.1.2 Temperature**

*Regulation 10 CSR 10-5.490(3)(B)2.B.(III)(b) requires the operation of each interior wellhead in the collection system with a landfill gas temperature less than 131°F. Any instance where a temperature is monitored equal to or in excess of 131°F, the location and duration of the exceedance shall be documented.*

Bridgeton Landfill has additionally obtained approval for an alternative temperature request for specific gas extraction wells at the site. The St. Louis County Department of Health

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approved the alternative temperature request in a letter dated December 15, 2008. The approval allows operation of the following interior wellheads with a landfill gas temperature less than or equal to 140°F: BRIEW12A, BRIGEW13, BRIGEW28, BRIGEW34, BRIGEW56, BRIGEW67, and BRIEW19A. Wells BRIGEW28 and BRIGEW56 were replaced in the previous reporting period with wells BRGEW28R and BRGEW56R respectively; the alternative temperature parameter does not apply to the new wells. As previously discussed, the perimeter trench wells (BrigIT-1 through BrigIT-6 and BrigT-56) and the perimeter gas extraction wells (BRIPEW01–53) have no temperature limitation upon them.

Instances of temperature exceedance were encountered during wellfield monitoring. The vacuum was immediately adjusted in each instance and each well was re-monitored within a few moments, and again within 15 days of the initial exceedance. Based on the wellfield monitoring data in Appendix A, other than the instance described below, no exceedance of temperature above the regulatory level for wells without an approved alternative temperature and no exceedance of temperature above the approved alternative temperature for the above-listed wells were recorded during the reporting period outside the allotted time frames.

Well BRIGEW13 exhibited high temperature during the May 10, 2010 monitoring event. Compliant temperature was not monitored as of the end of the first semi-annual reporting period of 2010 (January 1, 2010 – June 30, 2010). However, quarterly carbon monoxide (CO) sampling has resulted in monitored CO levels well below 500 parts per million (ppm). First quarter sampling occurred on March 18, 2010 when no CO was detected (0 ppm); second quarter sampling was conducted on May 26, 2010 and a CO concentration of 250 ppm was monitored.

### **2.1.3 Oxygen or Nitrogen Concentration**

*Regulation 10 CSR 10-5.490(3)(B)2.B.(III)(b) requires the operation of each interior wellhead in the collection system with either a nitrogen level less than 20 percent or an oxygen level less than five percent. Any instance where the nitrogen level is monitored and equals or exceeds 20 percent or the oxygen level equals or exceeds five percent, the location and duration of the exceedance shall be documented.*

As previously discussed, the perimeter trench wells (BrigIT-1 through BrigIT-6 and BrigT-56) and the perimeter gas extraction wells (BRIPEW01–53) have no oxygen concentration limitation upon them.

Based on the wellfield data enclosed in Appendix A, instances of elevated oxygen levels were recorded during wellfield balancing. Action was taken within 5 days to correct the

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exceedances; the wells were re-monitored within 15 calendar days to verify compliance. Based on the wellfield monitoring data in Appendix A, other than the instances described below, no exceedance of oxygen concentration above the regulatory level was recorded during the reporting period outside the allotted time frames.

During the May 24, 2010 monitoring event, well BRGEW16R exhibited excess oxygen concentration. Compliant oxygen concentration was not monitored as of the end of the first semi-annual reporting period(June 30, 2010). BRGEW16R was a replacement well for BRGEW16 and became operational on September 30, 2009. Based on a recent field investigation of this gas extraction well, there appears to be an air leak which will be addressed no later than 120 days from the May 24, 2010 monitoring event, or by September 21, 2010.

Well BRGEW62R exhibited excess oxygen concentration during the February 3, 2010 monitoring event. Compliant oxygen concentration was not monitored until the March 5, 2010 monitoring event, at which time all monitored parameters were in compliance for the well. During the April 13, 2010 monitoring event, well BRGEW62R again exhibited excess oxygen concentration. Compliant oxygen concentration was monitored during the June 8, 2010 monitoring event. During the June 23, 2010 monitoring event, well BRGEW62R once more exhibited excess oxygen concentration. Compliant oxygen concentration was not monitored again as of the end of the first semi-annual reporting period (June 30, 2010). BRGEW62R was a replacement well for BRGEW62 and became operational on September 11, 2009. This is in close proximity to BRGEW85 located down slope. It appears that BRGEW85 is influencing BRGEW62R.

Well BRGEW70R exhibited excess oxygen concentration during the April 13, 2010 monitoring event. Compliant oxygen concentration was not monitored until the June 8, 2010 monitoring event. BRGEW70R was a replacement well for BRGEW70 and became operational on September 11, 2009.

Well BRGEW72R exhibited excess oxygen concentration during the April 13, 2010 monitoring event. Compliant oxygen concentration was not monitored until the May 11, 2010 monitoring event. BRGEW72R was a replacement well for BRGEW72 and became operational on September 11, 2009.

Well BRIGEW85 exhibited excess oxygen concentration during the April 13, 2010 monitoring event. Compliant oxygen concentration was not monitored until the May 11, 2010 monitoring event. During the June 23, 2010 monitoring event, well BRIGEW85 exhibited excess oxygen concentration. Compliant oxygen concentration was not again

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monitored as of the end of the first semi-annual reporting period of 2010, ending June 30, 2010).

Per 10 CSR 10-5.490(5)(A)3. the wellfield shall be expanded within the 120-day allotted timeframe from the initial exceedance or alternate timeframe approved by the director. The above mentioned gas extraction wells were installed and became operation in September or October 2009. The initial operation of a new extraction well often results in elevated oxygen due to air intrusion caused by the bentonite seal not being fully saturated. Each of the above gas extraction wells was investigated during the reporting period and BRGEW70R and BRGEW72R have since come back into compliance. Based on past gas collection system expansions at the Bridgeton Landfill, initial elevated levels of oxygen has consistently occurred; therefore, no expansion of the gas collection system is needed. The Bridgeton Landfill requests an additional 120-day extension of the following new wells impacted by air intrusion: BRGEW16R, BRGEW62R and BRIGEW85.

Well BRIGEW81 exhibited excess oxygen concentration during the January 12, 2010 monitoring event. Compliant oxygen concentration was not monitored until the February 19, 2010 monitoring event. The wellfield was to be expanded within the 120-day allotted timeframe from the initial exceedance date of January 12, 2010. After the initial exceedance, a QED pneumatic AP-series pump was installed to approximately three feet from the measured bottom of the gas extraction well. Since installation of the pump, BRIGEW81 has exhibited compliant oxygen concentrations.

Well BRLCS-6A exhibited excess oxygen concentration during the April 13, 2010 monitoring event. Compliant oxygen concentration was not again monitored as of the end of the first semi-annual reporting period of 2010 (January 1, 2010 – June 30, 2010). The elevated oxygen levels are likely due to the well's sump becoming non-operational as a leachate extraction point. Since the intent of this point is for leachate collection, and it is only secondarily connected to the gas system for odor control purposes, it is not an integral part of the gas collection system. Therefore BRLCS-6A will be disconnected from the gas collection system within the 120-day allotted timeframe from the initial exceedance date of April 13, 2010, or by August 11, 2010.

#### **2.1.4 Operations of Gas Collection System**

*Regulation 10 CSR 10-5.490(7)(H)4 states all periods when the collection system was not in operation in excess of five (5) days must be reported.*

During the reporting period, no portion of the wellfield has been shut down for longer than five days.

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### **2.1.5 Surface Emissions Monitoring**

*Regulation 10 CSR 10-5.490(7)(H)5 states the location of each exceedance of the 500 parts per million (ppm) methane concentration as provided in (4)(D) and the concentration recorded at each location for which an exceedance was recorded in the previous month must be reported.*

In 2007 Bridgeton Landfill reverted to annual surface emissions monitoring due to the landfill closing February 28, 2005 and no surface emissions monitoring exceedances in 2006. Herst and Associates, Inc. completed the regularly scheduled annual surface monitoring on April 28, 2010 and completed additional, non-routine surface monitoring on June 2, 2010. The non-routine surface monitoring was conducted in response to SLCDOH's request after the control device had been down for greater than five (5) days. No exceedances of the 500 ppm threshold were monitored during either event. Details of the surface emission monitoring may be found Appendix D.

### **2.1.6 Landfill Gas System Installation**

*Regulation 10 CSR 10-5.490(7)(H)6 states the date of installation and the location of each well or collection system expansion added must be reported.*

During the reporting period January 1, 2010 through June 30, 2010, the Bridgeton Landfill made modifications to the existing gas collection system. Construction activities during the months of January and February included the installation of leachate extraction well BRLCS-4B and associated header and lateral piping. Appendix C contains a gas system layout and gas extraction well construction diagram.

## **2.2 Exceedance of Monitoring of the Control Device**

### **2.2.1 Record of Operation**

*Regulation 10 CSR 10-5.490(7)(H)2 states the description and duration of all periods when the gas stream is diverted from the control device through a bypass line or the indication of bypass flow must be reported.*

There were no periods between January 1, 2010 and June 30, 2010, when the LFG stream was bypassed from a control device. The gas collection system at the Bridgeton Landfill does not have a bypass line and the blower/flare system is designed to shutdown the entire system when the flare is inoperable.

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### **2.2.2 Continual Operation of Control Device**

*Regulation 10 CSR 10-5.490(7)(H)3 states the description and duration of all periods when the control device was not operating for a period exceeding one (1) hour and length of time the control device was not operating must be reported.*

Based on electronic records provided by Bridgeton Landfill the blower/flare system recorded twenty-seven (27) events where the control device was inoperable for periods in excess of one hour. Appendix B contains the date, duration and description for the periods the control device was inoperable in excess of one hour.

### **2.2.3 Average Combustion Temperature**

*Regulation 40 CFR 60.758(c)(1)(i) states for enclosed combustors all 3-hour periods of operation during which the average combustion temperature was more than 82°F below the average combustion temperature during the most recent performance test must be reported.*

The most recent performance test was conducted on February 16 and 17, 2005. For the 3,500 SCFM enclosed flare the following compliance temperature was recorded.

**Table 1: Compliance Temperature for Enclosed Flare**

<b>Flare</b>	<b>Thermocouple</b>	<b>Compliance Temperature (°F)</b>
West Flare	TE 202B	1488

Based on the electronic records provided by Bridgeton Landfill there were no events documented where the 3-hour average combustion temperature was below the compliance temperature in Table 3 for the west flare.

## **APPENDIX A**

### **WELLFIELD MONITORING DATA**

# Bridgeton Landfill Wellfield Data

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1. The following wells must maintain temperature less than or equal to 140°F per SLCDOH letter dated December 15, 2008: 12A, 13, 28, 34, 56, 67, 19A
2. The following wells must maintain negative pressure only per SLCDOH letter dated May 29, 2007: BrigIT1-6, BrigT-56, and BRIPEW01-60\*.
3. \* Well BRIPEW60 is in solid waste. Therefore, this well must comply with temperature, pressure and oxygen limits. Wells BRIPEW54-59 were decommissioned in May 2009.
4. All other wells must have: T < 131°F, P < 0, O<sub>2</sub> < 5%.

Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRGEW16R	1/4/2010 12:07	0	-0.1		102		
BRGEW16R	1/20/2010 11:15	4.2		-4	110		
BRGEW16R	1/20/2010 11:19	6.5		-2.8	105		
BRGEW16R	1/20/2010 11:22	4.6		-4.8	112	<1	day until compliant oxygen concentration achieved
BRGEW16R	2/3/2010 10:48	5.3		-5.7	102		
BRGEW16R	2/3/2010 10:51	4.7		-6.4	105	<1	day until compliant oxygen concentration achieved
BRGEW16R	2/17/2010 11:16	3.4		-6.3	105		
BRGEW16R	2/17/2010 11:18	3.3		-6.5	108		
BRGEW16R	3/4/2010 12:55	3.6		-6.8	108		
BRGEW16R	3/4/2010 12:57	3.6		-7.1	108		
BRGEW16R	3/17/2010 14:16	2.7		-6.8	110		
BRGEW16R	3/17/2010 14:17	2.8		-7.2	110		
BRGEW16R	4/12/2010 9:44	5.78	-7.9		109.3		
BRGEW16R	4/12/2010 9:46	8.12	-5.84		105.4		
BRGEW16R	4/27/2010 13:06	8.37	-2.64		101.1		
BRGEW16R	4/27/2010 13:07	12.08	-2.35		97.2		
BRGEW16R	5/10/2010 10:40	3.51	-0.35		97.4	15	days until compliant oxygen concentration achieved
BRGEW16R	5/10/2010 10:43	3.42	-0.14		90.9		
BRGEW16R	5/24/2010 10:25	12.42	-0.86		98.7		
BRGEW16R	5/24/2010 10:27	12.19	-0.86		99.1		
BRGEW16R	6/7/2010 10:49	13.77	-0.65		86.2		
BRGEW16R	6/7/2010 10:50	11.82	-0.64		86.3		
BRGEW16R	6/21/2010 13:09	20.97	-0.91		98.1		
BRGEW16R	6/21/2010 13:11	21	-0.9		98.1		well noncompliant with oxygen concentration at the end of the 1st half 2010
BRGEW17R	1/4/2010 12:39	1.1	4.1		110		
BRGEW17R	1/4/2010 12:48	0	-0.2		128	<1	day until compliant vacuum achieved
BRGEW17R	1/20/2010 11:27	0.1		-7.5	112		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRGEW17R	2/3/2010 10:55	0.2		-9.1	102		
BRGEW17R	2/3/2010 10:56	0.2		-8.5	100		
BRGEW17R	2/17/2010 11:23	0		-8.5	102		
BRGEW17R	2/17/2010 11:25	0		-8.2	102		
BRGEW17R	3/4/2010 13:01	0		-7.8	103		
BRGEW17R	3/17/2010 14:45	0.1		-9.8	100		
BRGEW17R	3/17/2010 14:47	0		-10.4	100		
BRGEW17R	4/12/2010 9:52	0.82	-8.03		104.5		
BRGEW17R	4/12/2010 9:54	0.82	-6.23		104.7		
BRGEW17R	4/27/2010 13:12	0	-3.18		114		
BRGEW17R	4/27/2010 13:14	0	-2.89		114.3		
BRGEW17R	5/10/2010 10:50	0	-1.2		109		
BRGEW17R	5/10/2010 10:53	0	-0.91		109.9		
BRGEW17R	5/24/2010 10:31	0	-1.18		110.9		
BRGEW17R	5/24/2010 10:34	0	-0.88		111.6		
BRGEW17R	6/7/2010 10:55	0	-0.59		117.3		
BRGEW17R	6/7/2010 10:57	0	-0.45		116.2		
BRGEW17R	6/21/2010 13:15	0	-0.79		121.5		
BRGEW17R	6/21/2010 13:17	0	-0.68		119.6		
BRGEW18R	1/4/2010 12:53	0	2		112		
BRGEW18R	1/4/2010 12:56	0	-0.2		122	<1	day until compliant vacuum achieved
BRGEW18R	1/20/2010 11:32	1.2		-5.9	118		
BRGEW18R	1/20/2010 11:35	1.3		-5	115		
BRGEW18R	2/3/2010 11:00	2.1		-6	115		
BRGEW18R	2/3/2010 11:02	2.1		-6.6	115		
BRGEW18R	2/17/2010 11:31	1.1		-7	115		
BRGEW18R	2/17/2010 11:33	1		-7.2	115		
BRGEW18R	3/4/2010 13:06	1.7		-6.9	115		
BRGEW18R	3/4/2010 13:07	1.7		-7.3	118		
BRGEW18R	3/17/2010 15:13	1.1		-6.6	118		
BRGEW18R	3/17/2010 15:15	0.9		-7.3	118		
BRGEW18R	4/12/2010 9:58	2.96	-8.33		119.7		
BRGEW18R	4/12/2010 10:00	4.41	-5.93		118.1		
BRGEW18R	4/27/2010 13:20	3.49	-1.75		122.1		
BRGEW18R	4/27/2010 13:22	2.27	-1.49		119.5		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (Inches H <sub>2</sub> O)	Adjusted Static Pressure (Inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRGEW18R	5/10/2010 10:58	0	0.36		119.4		
BRGEW18R	5/10/2010 11:01	0	-0.19		126.9	<1	day until compliant vacuum achieved
BRGEW18R	5/24/2010 10:38	0	-0.32		124.1		
BRGEW18R	6/7/2010 11:01	0	-0.39		124.3		
BRGEW18R	6/21/2010 13:21	0.25	-0.57		126		
BRGEW18R	6/21/2010 13:24	0.02	-0.31		124.9		
BRGEW22R	1/4/2010 13:30	0	2.4		19		
BRGEW22R	1/4/2010 13:34	0	2.4		19		
BRGEW22R	1/12/2010 14:41	1.2	-11.5		110	8	days until compliant vacuum achieved
BRGEW22R	1/12/2010 14:43	0.5	-9.2		102		
BRGEW22R	1/20/2010 12:20	0		-8.5	105		
BRGEW22R	1/20/2010 12:21	0		-8.1	105		
BRGEW22R	2/3/2010 11:21	0		-10.2	105		
BRGEW22R	2/3/2010 11:23	0		-9.2	105		
BRGEW22R	2/17/2010 12:06	0		-7.9	102		
BRGEW22R	2/17/2010 12:08	0		-7.1	102		
BRGEW22R	3/4/2010 13:31	0		-6.3	102		
BRGEW22R	3/4/2010 13:44	0		-5.3	105		
BRGEW22R	3/17/2010 15:53	0		-4.4	105		
BRGEW22R	4/12/2010 10:28	0	-4.51		111.1		
BRGEW22R	4/12/2010 10:30	0	-3.94		110.6		
BRGEW22R	4/27/2010 13:53	0	-2.55		108.1		
BRGEW22R	4/27/2010 13:55	0	-2.28		107.4		
BRGEW22R	5/10/2010 14:11	0	-0.49		106.1		
BRGEW22R	5/10/2010 14:14	0	-0.18		104.5		
BRGEW22R	5/24/2010 10:58	0	-0.97		108.1		
BRGEW22R	5/24/2010 11:01	0	-0.83		107		
BRGEW22R	6/7/2010 11:19	0	-0.55		103.3		
BRGEW22R	6/21/2010 13:46	0	-0.73		106.7		
BRGEW26R	1/11/2010 14:12	0	0.2		82	<1	day until compliant vacuum achieved
BRGEW26R	1/11/2010 14:15	0	-0.1		128		
BRGEW26R	1/20/2010 12:36	0		-0.2	128		
BRGEW26R	2/4/2010 9:01	1.1		-1.4	126		
BRGEW26R	2/4/2010 9:02	1.2		-1.3	126		
BRGEW26R	2/17/2010 12:24	1.3		-1.3	125		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRGEW26R	2/17/2010 12:25	1.3		-1.4	125		
BRGEW26R	3/4/2010 14:06	1.1		-1.4	128		
BRGEW26R	3/4/2010 14:08	1.1		-1.6	128		
BRGEW26R	3/17/2010 16:11	0.7		-1.6	125		
BRGEW26R	3/17/2010 16:12	0.7		-1.8	125		
BRGEW26R	4/12/2010 10:47	2.06	-2.49		119.7		
BRGEW26R	4/12/2010 10:50	2.08	-1.93		120.2		
BRGEW26R	4/27/2010 14:14	2.15	-1.35		122.6		
BRGEW26R	4/27/2010 14:16	2.35	-1.2		121.2		
BRGEW26R	5/10/2010 14:41	0	0.24		125.1		
BRGEW26R	5/10/2010 14:42	0	-0.06		127.7	<1	day until compliant vacuum achieved
BRGEW26R	5/24/2010 11:24	2.73	-1.39		122.3		
BRGEW26R	5/24/2010 11:26	2.62	-1.13		122.2		
BRGEW26R	6/7/2010 11:41	2.39	-0.79		125.6		
BRGEW26R	6/7/2010 11:43	2.39	-0.68		124.4		
BRGEW26R	6/21/2010 14:00	2.45	-0.65		128.8		
BRGEW26R	6/21/2010 14:02	2.47	-0.52		125.1		
BRGEW28R	1/11/2010 14:23	0.1	-0.8		129		
BRGEW28R	1/20/2010 12:46	0		-0.4	128		
BRGEW28R	2/4/2010 9:09	0.5		-1.7	128		
BRGEW28R	2/17/2010 13:26	0.4		-1.7	128		
BRGEW28R	3/5/2010 8:10	0.1		-2.2	130		
BRGEW28R	3/17/2010 16:24	0.2		-1.3	130		
BRGEW28R	4/12/2010 10:58	1.1	-2.02		129.9		
BRGEW28R	4/27/2010 14:29	1.49	-1.8		129.2		
BRGEW28R	4/27/2010 14:32	1.39	-1.51		128.4		
BRGEW28R	5/10/2010 14:49	0	-0.19		128.3		
BRGEW28R	5/24/2010 11:40	1.83	-1.12		129.7		
BRGEW28R	6/7/2010 12:59	1.51	-1.09		129.3		
BRGEW28R	6/21/2010 14:11	1.63	-1		129.9		
BRGEW28R	6/21/2010 14:13	1.33	-0.62		127.8		
BRGEW30R	1/11/2010 14:32	0	-2.6		125		
BRGEW30R	1/11/2010 14:34	0	-2.4		122		
BRGEW30R	1/20/2010 12:56	0		0	115		
BRGEW30R	1/20/2010 12:59	0		-0.2	130	<1	day until compliant vacuum achieved

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

## Bridgeton Landfill Wellfield Data

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRGEW30R	2/4/2010 9:22	2.4		-2.2	128		
BRGEW30R	2/4/2010 9:24	2.5		-2	125		
BRGEW30R	2/17/2010 13:37	3.1		-1.7	130		
BRGEW30R	2/17/2010 13:39	3.7		-2	130		
BRGEW30R	2/17/2010 13:42	3		-1.5	125		
BRGEW30R	3/5/2010 8:23	0		-2.1	118		
BRGEW30R	3/5/2010 8:26	0		-2.4	125		
BRGEW30R	3/17/2010 16:39	2		-1.5	130		
BRGEW30R	3/17/2010 16:41	1.8		-1.2	125		
BRGEW30R	4/12/2010 11:09	0	-1.68		124		
BRGEW30R	4/27/2010 15:59	0.81	-1.34		125.1		
BRGEW30R	5/10/2010 14:58	0	0.44		125.4		
BRGEW30R	5/10/2010 15:00	0	-0.15		136.3	<1	day until compliant vacuum achieved
BRGEW30R	5/10/2010 15:04	0	-0.01		134		
BRGEW30R	5/24/2010 12:48	3.01	-1.45		138		
BRGEW30R	5/24/2010 12:52	2.59	-0.82		130.8	14	days until compliant temperature achieved
BRGEW30R	6/7/2010 13:06	0.36	-0.69		125.8		
BRGEW30R	6/21/2010 14:23	0.03	-0.94		129.1		
BRGEW31R	1/11/2010 14:39	0	-1.1		115		
BRGEW31R	1/20/2010 13:04	0		-0.1	118		
BRGEW31R	2/4/2010 9:27	0		-2.2	115		
BRGEW31R	2/17/2010 13:45	0		-2.2	120		
BRGEW31R	3/5/2010 8:29	0		-3.1	120		
BRGEW31R	3/17/2010 16:49	0		-1.7	125		
BRGEW31R	3/17/2010 16:52	0		-2	125		
BRGEW31R	4/12/2010 11:13	0	-2.69		121.8		
BRGEW31R	4/12/2010 11:14	0	-2.58		121		
BRGEW31R	4/27/2010 16:02	0	-2.37		119.1		
BRGEW31R	5/10/2010 15:08	0	-0.5		117		
BRGEW31R	5/24/2010 12:56	0.02	-1.89		119.4		
BRGEW31R	6/7/2010 13:11	0	-1.81		118.9		
BRGEW31R	6/21/2010 14:26	0	-2.22		120.4		
BRGEW31R	6/21/2010 14:28	0	-1.93		119		
BRGEW32R	1/11/2010 14:42	0	-1.1		100		
BRGEW32R	1/20/2010 13:08	0		0.1	102		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

## Bridgeton Landfill Wellfield Data

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRGEW32R	1/20/2010 13:10	0		-0.2	110	<1	day until compliant vacuum achieved
BRGEW32R	2/4/2010 9:30	0		-2.8	102		
BRGEW32R	2/17/2010 13:50	0		-2.9	102		
BRGEW32R	3/5/2010 8:33	0		-4	102		
BRGEW32R	3/17/2010 16:56	0		-2.3	105		
BRGEW32R	3/17/2010 16:58	0		-2.7	105		
BRGEW32R	4/12/2010 11:19	0	-3.46		104.1		
BRGEW32R	4/27/2010 16:07	0	-3.28		102.2		
BRGEW32R	5/10/2010 15:12	0	-0.91		102.8		
BRGEW32R	5/24/2010 13:00	0	-2.83		103.1		
BRGEW32R	6/7/2010 13:14	0.07	-2.63		102.9		
BRGEW32R	6/21/2010 14:31	0	-3.16		105.1		
BRGEW33R	1/11/2010 14:47	0	-0.6		122		
BRGEW33R	1/20/2010 13:17	0		1.1	68		
BRGEW33R	1/20/2010 13:22	0		-0.3	138	<1	day until compliant vacuum achieved
BRGEW33R	1/20/2010 13:26	0		-0.1	138		
BRGEW33R	2/4/2010 9:34	0		-3	130	15	days until compliant temperature achieved
BRGEW33R	2/17/2010 13:53	0		-3.1	128		
BRGEW33R	2/17/2010 13:54	0		-2.8	128		
BRGEW33R	3/5/2010 8:36	0		-3.5	130		
BRGEW33R	3/5/2010 8:37	0		-3.2	128		
BRGEW33R	3/17/2010 17:02	0		-1	130		
BRGEW33R	3/17/2010 17:04	0		-0.6	128		
BRGEW33R	4/12/2010 11:23	0.07	-1.12		90.9		
BRGEW33R	4/12/2010 11:25	0	-1.09		91.5		
BRGEW33R	4/27/2010 16:11	0.34	-0.81		83.9		
BRGEW33R	4/27/2010 16:13	0.15	-0.83		86.7		
BRGEW33R	5/10/2010 15:17	0	1.59		58.2		
BRGEW33R	5/10/2010 15:20	0	-0.04		130.8	<1	day until compliant vacuum achieved
BRGEW33R	5/24/2010 13:05	0	-2.26		137.3		
BRGEW33R	5/24/2010 13:07	0.24	-1.21		130.8	<1	day until compliant temperature achieved
BRGEW33R	6/7/2010 13:18	0.62	-0.65		124		
BRGEW33R	6/7/2010 13:20	0.22	-0.73		129.6		
BRGEW33R	6/21/2010 14:36	0	-0.92		138.7		
BRGEW33R	6/21/2010 14:39	0.58	-0.67		130.8	<1	day until compliant temperature achieved

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRGEW41R	1/12/2010 9:35	0.5	-0.4		110		
BRGEW41R	1/20/2010 14:48	0		-0.2	110		
BRGEW41R	2/3/2010 13:10	0.8		-0.9	110		
BRGEW41R	2/3/2010 13:13	0.6		-0.7	105		
BRGEW41R	2/17/2010 14:46	0.1		-0.3	102		
BRGEW41R	3/5/2010 9:20	0.8		-0.7	98		
BRGEW41R	3/17/2010 17:51	0		-0.1	100		
BRGEW41R	4/13/2010 7:07	0.49	-1.05		104.7		
BRGEW41R	4/13/2010 7:10	1.04	-1.05		102.6		
BRGEW41R	4/27/2010 16:51	0.13	-0.54		100.2		
BRGEW41R	5/10/2010 16:39	0	0.47		98.7		
BRGEW41R	5/10/2010 16:41	0	-0.01		112.6	<1	day until compliant vacuum achieved
BRGEW41R	5/24/2010 13:54	0.01	-1.09		114.5		
BRGEW41R	5/24/2010 13:56	0.06	-0.73		113.6		
BRGEW41R	6/7/2010 14:00	0.17	-0.61		113.8		
BRGEW41R	6/23/2010 8:34	0.14	-0.87		112.8		
BRGEW41R	6/23/2010 8:36	0.23	-0.79		112.1		
BRGEW42R	1/12/2010 9:38	0	-0.7		80		
BRGEW42R	1/20/2010 14:50	0		-0.5	85		
BRGEW42R	2/3/2010 13:24	0.7		-1.1	88		
BRGEW42R	2/3/2010 13:28	0.5		-0.8	82		
BRGEW42R	2/17/2010 14:49	0.2		-0.4	72		
BRGEW42R	3/5/2010 9:23	0.2		-0.7	80		
BRGEW42R	3/17/2010 17:53	0		-0.2	90		
BRGEW42R	4/13/2010 7:14	0	-0.98		109.5		
BRGEW42R	4/27/2010 16:56	0	-0.44		110.6		
BRGEW42R	5/10/2010 16:49	0	0.22		107.9	<1	day until compliant vacuum achieved
BRGEW42R	5/10/2010 16:52	0	-0.1		116		
BRGEW42R	5/24/2010 14:00	0	-0.61		120.2		
BRGEW42R	5/24/2010 14:02	0	-0.51		119.8		
BRGEW42R	6/7/2010 14:04	0	-0.49		120		
BRGEW42R	6/23/2010 8:39	0.03	-0.7		118.9		
BRGEW42R	6/23/2010 8:41	0.01	-0.56		117.8		
BRGEW43R	1/12/2010 9:42	0	-0.3		115		
BRGEW43R	1/20/2010 14:53	0		0	120		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

## Bridgeton Landfill Wellfield Data

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRGEW43R	1/20/2010 14:55	0		-0.2	122	<1	day until compliant vacuum achieved
BRGEW43R	2/3/2010 13:43	0		-1	118		
BRGEW43R	2/3/2010 13:46	0		-0.9	112		
BRGEW43R	2/17/2010 15:55	0		-0.5	110		
BRGEW43R	3/5/2010 9:25	0		-1	112		
BRGEW43R	3/17/2010 17:57	0		-0.3	112		
BRGEW43R	3/17/2010 17:58	0		-0.4	120		
BRGEW43R	4/13/2010 7:18	0.02	-1.72		124.4		
BRGEW43R	4/13/2010 7:20	0	-1.7		124		
BRGEW43R	4/27/2010 17:01	0.08	-1.09		123.5		
BRGEW43R	4/27/2010 17:04	0.04	-0.98		120		
BRGEW43R	5/10/2010 16:57	0	0.19		115.2		
BRGEW43R	5/10/2010 16:59	0	-0.09		123.4	<1	day until compliant vacuum achieved
BRGEW43R	5/24/2010 14:10	0	-0.42		135.5		
BRGEW43R	5/24/2010 14:13	0	-0.2		129.9	<1	day until compliant temperature achieved
BRGEW43R	6/7/2010 14:08	0	-0.32		128.7		
BRGEW43R	6/23/2010 8:46	0	-0.65		122.6		
BRGEW45R	1/12/2010 9:48	0	-1.4		102		
BRGEW45R	1/20/2010 15:03	0		-1.5	100		
BRGEW45R	1/20/2010 15:06	0		-2	102		
BRGEW45R	2/3/2010 14:01	0		-2.9	100		
BRGEW45R	2/3/2010 14:07	0		-2.2	100		
BRGEW45R	2/17/2010 16:03	0		-2	100		
BRGEW45R	3/5/2010 9:35	0		-2.4	100		
BRGEW45R	3/5/2010 9:37	0		-2.7	102		
BRGEW45R	3/17/2010 18:06	0		-2.7	102		
BRGEW45R	3/17/2010 18:08	0		-3.2	102		
BRGEW45R	4/13/2010 7:31	0	-4.14		109.2		
BRGEW45R	4/27/2010 17:17	0	-3.69		110.4		
BRGEW45R	4/27/2010 17:21	0	-3.26		109.7		
BRGEW45R	5/10/2010 17:08	0	-2.05		109.9		
BRGEW45R	5/24/2010 14:21	0	-2.71		111.3		
BRGEW45R	6/7/2010 14:18	0.03	-2.89		111.1		
BRGEW45R	6/23/2010 8:55	0.03	-3.13		111.2		
BRGEW46R	1/12/2010 9:53	0	-0.1		45		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (Inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRGEW46R	1/20/2010 15:10	0		-0.4	90		
BRGEW46R	2/3/2010 14:20	0.4		-0.4	90		
BRGEW46R	2/3/2010 14:23	0.6		-0.3	85		
BRGEW46R	2/17/2010 16:07	20.9		-0.3	37		
BRGEW46R	2/17/2010 16:10	0.2		-0.7	68	<1	day until compliant oxygen concentration achieved
BRGEW46R	3/5/2010 9:41	0		-1.4	92		
BRGEW46R	3/5/2010 9:43	0		-1.6	95		
BRGEW46R	3/17/2010 18:13	0		-1.8	95		
BRGEW46R	3/17/2010 18:15	0		-2	98		
BRGEW46R	4/13/2010 7:35	0	-2.7		101.5		
BRGEW46R	4/13/2010 7:37	0	-2.44		100.6		
BRGEW46R	4/27/2010 17:25	0	-1.74		99.8		
BRGEW46R	4/27/2010 17:27	0	-1.58		98.9		
BRGEW46R	5/10/2010 17:13	0	-0.69		100		
BRGEW46R	5/24/2010 14:25	0	-0.52		103.2		
BRGEW46R	5/24/2010 14:26	0	-0.43		102.8		
BRGEW46R	6/7/2010 14:22	0.03	-0.65		102.5		
BRGEW46R	6/7/2010 14:23	0.03	-0.56		101.5		
BRGEW46R	6/23/2010 8:58	0.07	-0.65		99.2		
BRGEW46R	6/23/2010 9:00	0.13	-0.57		99		
BRGEW47R	1/12/2010 9:57	0	-0.1		100		
BRGEW47R	1/20/2010 15:14	0		-0.1	118		
BRGEW47R	2/3/2010 14:28	0		-0.3	115		
BRGEW47R	2/17/2010 16:13	0		-0.4	112		
BRGEW47R	3/5/2010 9:47	0		-0.8	112		
BRGEW47R	3/5/2010 9:48	0		-1	115		
BRGEW47R	3/17/2010 18:23	0		-1	115		
BRGEW47R	4/13/2010 7:41	0	-1.71		112.8		
BRGEW47R	4/13/2010 7:43	0	-1.62		112.2		
BRGEW47R	4/27/2010 17:31	0	-0.95		113.3		
BRGEW47R	4/27/2010 17:33	0	-0.79		111.5		
BRGEW47R	5/10/2010 17:18	0	0.26		111.1	<1	day until compliant vacuum achieved
BRGEW47R	5/10/2010 17:20	0	-0.01		116.5		
BRGEW47R	5/24/2010 14:35	0	-0.51		116.3		
BRGEW47R	5/24/2010 14:38	0	-0.33		116		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRGEW47R	6/7/2010 14:29	0.01	-0.51		116.5		
BRGEW47R	6/23/2010 9:05	0	-0.71		116.1		
BRGEW47R	6/23/2010 9:07	0	-0.61		115.5		
BRGEW56R	1/12/2010 10:33	0	-0.6		102		
BRGEW56R	1/20/2010 15:50	0		-0.5	110		
BRGEW56R	2/3/2010 15:50	0		-1.3	100		
BRGEW56R	2/3/2010 15:51	0		-1	98		
BRGEW56R	2/19/2010 9:12	0		-0.4	78		
BRGEW56R	3/5/2010 10:28	0		-1.2	85		
BRGEW56R	3/5/2010 10:30	0		-0.9	82		
BRGEW56R	3/18/2010 14:13	0		-1	100		
BRGEW56R	4/13/2010 8:27	0	-1.99		96.7		
BRGEW56R	4/13/2010 8:30	0	-1.76		95.6		
BRGEW56R	4/28/2010 7:38	0	-1.45		90.9		
BRGEW56R	4/28/2010 7:41	0	-0.99		86.7		
BRGEW56R	5/11/2010 8:25	0	-0.93		75.3		
BRGEW56R	5/25/2010 7:39	0.01	-0.96		79.7		
BRGEW56R	6/7/2010 15:02	0	-0.77		92		
BRGEW56R	6/23/2010 10:02	0	-1.05		94.3		
BRGEW56R	6/23/2010 10:04	20.47	-0.74		93.2		
BRGEW56R	6/23/2010 10:06	0.18	-1.36		95.4	<1	day until compliant oxygen concentration achieved
BRGEW57R	1/12/2010 11:13	0	-2.6		105		
BRGEW57R	1/20/2010 16:41	0		-1.8	108		
BRGEW57R	1/20/2010 16:43	0		-1.6	105		
BRGEW57R	2/3/2010 16:42	0		-3.5	100		
BRGEW57R	2/22/2010 8:17	0		-2.8	98		
BRGEW57R	2/22/2010 8:19	0		-3.1	102		
BRGEW57R	3/5/2010 11:14	0		-3.6	106		
BRGEW57R	3/18/2010 14:57	0		-2.3	108		
BRGEW57R	4/13/2010 8:43	0.03	-2.18		120.7		
BRGEW57R	4/13/2010 8:45	0	-2.13		119.1		
BRGEW57R	4/28/2010 8:38	0	-1.67		101.9		
BRGEW57R	4/28/2010 8:40	0	-1.61		100.6		
BRGEW57R	5/11/2010 9:24	0	-0.99		93.1		
BRGEW57R	5/25/2010 8:33	0	-1.48		87.6		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (Inches H <sub>2</sub> O)	Adjusted Static Pressure (Inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRGEW57R	5/25/2010 8:35	0	-1.47		86.8		
BRGEW57R	6/7/2010 16:03	0.03	-0.32		89.9		
BRGEW57R	6/23/2010 11:06	0.28	-2.12		94		
BRGEW57R	6/23/2010 11:07	3.41	-2.06		94.6		
BRGEW57R	6/23/2010 11:09	0.08	-2.19		95.5		
BRGEW59R	1/12/2010 11:03	0	-0.9		120		
BRGEW59R	1/20/2010 16:29	0		-0.5	128		
BRGEW59R	1/20/2010 16:32	0		-0.4	122		
BRGEW59R	2/3/2010 16:26	0.1		-2	108		
BRGEW59R	2/22/2010 8:06	0		-2	118		
BRGEW59R	3/5/2010 11:03	0		-1.7	115		
BRGEW59R	3/18/2010 14:36	0		-1	121		
BRGEW59R	4/13/2010 9:01	0	-3.35		107.4		
BRGEW59R	4/13/2010 9:03	0	-3.32		106.9		
BRGEW59R	4/28/2010 8:17	0.03	-0.55		115.3		
BRGEW59R	4/28/2010 8:19	0.05	-0.46		110.2		
BRGEW59R	5/11/2010 9:12	0	-0.35		79.5		
BRGEW59R	5/25/2010 8:19	0	-0.99		81.9		
BRGEW59R	6/7/2010 15:40	0.08	-0.28		122.3		
BRGEW59R	6/23/2010 10:46	0.48	-1.27		122.6		
BRGEW59R	6/23/2010 10:48	0.45	-1.2		120.8		
BRGEW60R	1/12/2010 11:10	1.5	-2		108		
BRGEW60R	1/20/2010 16:38	0		-0.9	122		
BRGEW60R	2/3/2010 16:33	3.8		-3	120		
BRGEW60R	2/3/2010 16:36	3.9		-3	112		
BRGEW60R	2/3/2010 16:38	3.8		-3.2	122		
BRGEW60R	2/22/2010 8:13	0.6		-3	125		
BRGEW60R	3/5/2010 11:10	1		-3.4	120		
BRGEW60R	3/5/2010 11:11	0.9		-3.3	120		
BRGEW60R	3/18/2010 14:51	0.6		-2	120		
BRGEW60R	3/18/2010 14:53	0.5		-1.8	118		
BRGEW60R	4/13/2010 8:55	0.03	-2.93		110.9		
BRGEW60R	4/13/2010 8:57	0.03	-2.89		108.4		
BRGEW60R	4/28/2010 8:31	0.66	-1.56		93.1		
BRGEW60R	4/28/2010 8:33	0.65	-1.55		87.5		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

## Bridgeton Landfill Wellfield Data

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRGEW60R	5/11/2010 9:20	0	-0.93		77.7		
BRGEW60R	5/25/2010 8:28	0.6	-1.44		80.5		
BRGEW60R	5/25/2010 8:30	0.66	-1.43		80.9		
BRGEW60R	6/7/2010 15:51	5.53	-0.42		90.1		
BRGEW60R	6/7/2010 15:53	0.11	-0.54		99.4	<1	day until compliant oxygen concentration achieved
BRGEW60R	6/23/2010 11:00	2.79	-2.22		124.3		
BRGEW60R	6/23/2010 11:02	2.84	-2.13		122.1		
BRGEW61R	1/12/2010 11:20	0	-2.1		105		
BRGEW61R	1/20/2010 16:46	0		-1.4	100		
BRGEW61R	2/3/2010 16:45	0		-3.2	95		
BRGEW61R	2/3/2010 16:47	0		-3.1	95		
BRGEW61R	2/22/2010 8:23	0		-2.8	90		
BRGEW61R	2/22/2010 8:26	0		-2.7	80		
BRGEW61R	3/5/2010 11:18	0		-2.8	52		
BRGEW61R	3/5/2010 11:20	0		-3	58		
BRGEW61R	3/18/2010 15:01	0		-1.8	98		
BRGEW61R	4/13/2010 9:06	0	-2.95		88.7		
BRGEW61R	4/13/2010 9:08	0	-2.93		88.6		
BRGEW61R	4/28/2010 8:43	0	-1.35		82.9		
BRGEW61R	4/28/2010 8:46	0	-1.32		81.9		
BRGEW61R	5/11/2010 9:28	0	-0.84		93.2		
BRGEW61R	5/25/2010 8:38	0	-1.31		88		
BRGEW61R	5/25/2010 8:40	0	-1.3		87.2		
BRGEW61R	6/7/2010 16:07	0	-0.18		90		
BRGEW61R	6/23/2010 11:13	0.1	-1.89		95.9		
BRGEW61R	6/23/2010 11:15	17.49	-1.87		93.8		
BRGEW61R	6/23/2010 11:17	0.08	-2.03		94.8	<1	day until compliant oxygen concentration achieved
BRGEW62R	1/12/2010 11:24	7.4	-2		100		
BRGEW62R	1/12/2010 11:28	4.5	-3.8		105	<1	day until compliant oxygen concentration achieved
BRGEW62R	1/20/2010 16:55	4.4		-4.9	102		
BRGEW62R	2/3/2010 16:51	6.8		-6.2	98		
BRGEW62R	2/3/2010 16:54	11.8		-2.7	90		
BRGEW62R	2/17/2010 17:01	19		-1.6	62		
BRGEW62R	2/17/2010 17:03	16		-2.2	78		
BRGEW62R	3/5/2010 11:30	11.7		-2.8	100		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

## Bridgeton Landfill Wellfield Data

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRGEW62R	3/5/2010 11:36	4.9		-4.8	98	30	days until compliant oxygen concentration achieved
BRGEW62R	3/18/2010 15:03	4.8		-4.7	100		
BRGEW62R	4/13/2010 9:12	9.94	-5.2		101.7		
BRGEW62R	4/13/2010 9:15	15.47	-3.36		98.1		
BRGEW62R	4/28/2010 8:51	16.22	-1.05		91.7		
BRGEW62R	4/28/2010 8:53	18.37	-0.88		89.6		
BRGEW62R	5/11/2010 9:31	14.75	-0.4		106.2		
BRGEW62R	5/11/2010 9:33	14.87	-0.27		100.2		
BRGEW62R	5/25/2010 8:56	20.51	-0.48		81.8		
BRGEW62R	5/25/2010 8:57	20.56	-0.48		81.9		
BRGEW62R	6/8/2010 13:30	0.04	2.16		71.2	56	days until compliant oxygen concentration achieved
BRGEW62R	6/8/2010 13:32	0.02	-0.03		121.5	<1	day until compliant vacuum achieved
BRGEW62R	6/23/2010 11:21	8.52	-3.45		107.2		
BRGEW62R	6/23/2010 11:23	15.97	-1.69		105		well noncompliant with oxygen concentration at the end of the 1st half 2010
BRGEW65A	1/12/2010 13:24	0	-2.2		105		
BRGEW65A	1/21/2010 9:12	0		-2.7	108		
BRGEW65A	2/3/2010 17:08	0		-4.1	102		
BRGEW65A	2/22/2010 8:46	0		-3.9	102		
BRGEW65A	2/22/2010 8:48	0		-4	108		
BRGEW65A	3/5/2010 11:46	0		-4.5	108		
BRGEW65A	3/18/2010 15:14	0		-3.4	112		
BRGEW65A	3/18/2010 15:16	0		-3.6	112		
BRGEW65A	4/13/2010 10:27	0	-5.5		111.8		
BRGEW65A	4/28/2010 9:07	0	-3.98		110.9		
BRGEW65A	5/11/2010 9:43	0	-3.13		115.5		
BRGEW65A	5/25/2010 9:09	0	-3.59		113		
BRGEW65A	6/8/2010 13:46	0	0.32		114.3		
BRGEW65A	6/8/2010 13:48	0	-0.05		115.2	<1	day until compliant vacuum achieved
BRGEW65A	6/23/2010 13:17	0	-5.33		114.5		
BRGEW69R	1/12/2010 13:37	0	-4.9		100		
BRGEW69R	1/21/2010 9:24	0		-5.4	100		
BRGEW69R	1/21/2010 9:26	0		-5.1	100		
BRGEW69R	2/3/2010 17:17	0		-6.4	95		
BRGEW69R	2/3/2010 17:18	0		-5.9	95		

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRGEW69R	2/22/2010 9:02	0		-5.8	92		
BRGEW69R	2/22/2010 9:04	0		-5.6	92		
BRGEW69R	3/5/2010 11:53	0		-5.6	80		
BRGEW69R	3/5/2010 11:55	0		-5.9	80		
BRGEW69R	3/18/2010 15:24	0		-5.1	95		
BRGEW69R	4/13/2010 10:40	0	-6.19		92.3		
BRGEW69R	4/13/2010 10:42	0	-5.93		91.3		
BRGEW69R	4/28/2010 9:24	0	-3.92		87.4		
BRGEW69R	4/28/2010 9:26	0	-3.7		85.9		
BRGEW69R	5/11/2010 9:52	0	-2.23		91.7		
BRGEW69R	5/11/2010 9:54	0	-2.13		90.1		
BRGEW69R	5/25/2010 9:20	0.03	-2.41		78.8		
BRGEW69R	5/25/2010 9:21	0.03	-2.34		79.3		
BRGEW69R	6/8/2010 14:00	0	1.56		77	<1	day until compliant vacuum achieved
BRGEW69R	6/8/2010 14:02	0	-0.01		85.3		
BRGEW69R	6/23/2010 13:29	0.08	-5.93		97.9		
BRGEW69R	6/23/2010 13:30	0.1	-4.94		96.4		
BRGEW70R	1/12/2010 13:40	1.3	-2.3		72		
BRGEW70R	1/21/2010 9:30	1.4		-2.8	75		
BRGEW70R	1/21/2010 9:32	1.4		-2.6	68		
BRGEW70R	2/3/2010 17:21	4.7		-3.5	40		
BRGEW70R	2/3/2010 17:23	3.8		-4	68		
BRGEW70R	2/22/2010 9:08	1.5		-5	88		
BRGEW70R	2/22/2010 9:10	1.4		-5.2	90		
BRGEW70R	3/5/2010 11:58	2.1		-4.6	90		
BRGEW70R	3/5/2010 11:59	2		-5.1	88		
BRGEW70R	3/18/2010 15:27	2.3		-4.7	88		
BRGEW70R	3/18/2010 15:29	2.1		-5	88		
BRGEW70R	4/13/2010 10:47	4.71	-5.58		92.2		
BRGEW70R	4/13/2010 10:49	5.69	-4.68		90.3		
BRGEW70R	4/13/2010 10:51	6.77	-4.58		89.4		
BRGEW70R	4/28/2010 9:30	7.14	-2.45		83.8		
BRGEW70R	4/28/2010 9:32	7.32	-2.14		80.8		
BRGEW70R	5/11/2010 9:57	10.51	-0.94		79.3		
BRGEW70R	5/11/2010 9:58	10.58	-0.9		80.4		

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRGEW70R	5/25/2010 9:24	8.86	-1.14		90.5		
BRGEW70R	5/25/2010 9:26	7.82	-1.12		91.7		
BRGEW70R	6/8/2010 14:05	0.54	1.74		72.9	56	days until compliant oxygen concentration achieved
BRGEW70R	6/8/2010 14:07	0	-0.01		95.1	<1	day until compliant vacuum achieved
BRGEW70R	6/23/2010 13:33	3.46	-2.95		90.7		
BRGEW70R	6/23/2010 13:35	3.41	-2.69		91.6		
BRGEW72R	1/12/2010 13:44	0	-2.7		102		
BRGEW72R	1/21/2010 9:36	1.4		-3.2	100		
BRGEW72R	1/21/2010 9:38	1.7		-3	100		
BRGEW72R	2/4/2010 7:53	2.7		-2.7	95		
BRGEW72R	2/4/2010 7:55	2.4		-3	95		
BRGEW72R	2/22/2010 9:15	2.2		-5.6	98		
BRGEW72R	2/22/2010 9:17	1.9		-5.8	100		
BRGEW72R	3/5/2010 12:02	2.1		-4.8	94		
BRGEW72R	3/5/2010 12:04	1.8		-5.1	95		
BRGEW72R	3/18/2010 15:32	2.3		-4.8	100		
BRGEW72R	3/18/2010 15:34	2		-5.2	100		
BRGEW72R	4/13/2010 10:55	3.62	-4.89		100.6		
BRGEW72R	4/13/2010 10:57	8.61	-3.75		96.6		
BRGEW72R	4/13/2010 10:58	12.37	-3.52		95.2		
BRGEW72R	4/28/2010 9:36	9.32	-1.17		90.4		
BRGEW72R	4/28/2010 9:38	9.38	-1.09		88.4		
BRGEW72R	5/11/2010 10:04	4.49	-0.46		79.5	28	days until compliant oxygen concentration achieved
BRGEW72R	5/11/2010 10:06	4.53	-0.46		80.6		
BRGEW72R	5/25/2010 9:30	7.88	-0.36		90.2		
BRGEW72R	5/25/2010 9:31	6.79	-0.35		91.3		
BRGEW72R	6/8/2010 14:12	0	1.64		72.2	14	days until compliant oxygen concentration achieved
BRGEW72R	6/8/2010 14:13	0	-0.03		126.9	<1	day until compliant vacuum achieved
BRGEW72R	6/23/2010 13:39	1.2	-2.59		108.6		
BRGEW72R	6/23/2010 13:40	2.23	-1.49		104.6		
BRGEW73R	1/12/2010 13:53	0	-2.9		100		
BRGEW73R	1/21/2010 9:51	0		-3.5	100		
BRGEW73R	2/4/2010 8:08	0		-4	100		
BRGEW73R	2/22/2010 9:28	0		-4.7	102		
BRGEW73R	3/5/2010 12:11	0		-4.2	100		

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRGEW73R	3/18/2010 15:43	0		-3.6	102		
BRGEW73R	4/13/2010 11:21	0	-4.55		102.1		
BRGEW73R	4/13/2010 11:22	0	-4.51		101.9		
BRGEW73R	4/28/2010 9:58	0	-3.12		97.7		
BRGEW73R	4/28/2010 10:00	0	-3.05		97.1		
BRGEW73R	5/11/2010 10:17	0	-1.72		102.1		
BRGEW73R	5/25/2010 9:50	0	-1.54		97.4		
BRGEW73R	6/8/2010 14:25	0	2.16		93		
BRGEW73R	6/8/2010 14:26	0	-0.01		109.2	<1	day until compliant vacuum achieved
BRGEW73R	6/23/2010 13:50	0	-4.76		99.6		
BRGEW76R	1/12/2010 15:03	0	-2.3		100		
BRGEW76R	1/21/2010 10:36	0		-2.4	112		
BRGEW76R	1/21/2010 10:39	0		-2.3	112		
BRGEW76R	2/4/2010 8:42	0		-2.6	95		
BRGEW76R	2/4/2010 8:44	0		-2.7	105		
BRGEW76R	2/22/2010 10:09	0		-5.7	92		
BRGEW76R	2/22/2010 10:11	0		-6	98		
BRGEW76R	3/5/2010 12:39	0		-4.4	95		
BRGEW76R	3/5/2010 12:41	0		-4.6	98		
BRGEW76R	3/18/2010 16:17	0		-4.8	100		
BRGEW76R	3/18/2010 16:19	0		-5.1	100		
BRGEW76R	4/13/2010 11:03	0	-4.42		101.3		
BRGEW76R	4/13/2010 11:04	0	-3.63		99.2		
BRGEW76R	4/28/2010 10:42	0	-1.41		101.3		
BRGEW76R	4/28/2010 10:44	0	-1.34		100.2		
BRGEW76R	5/11/2010 10:49	0	-0.79		109.2		
BRGEW76R	5/11/2010 10:51	0	-0.69		106.3		
BRGEW76R	5/25/2010 10:49	0	-0.26		96.7		
BRGEW76R	6/8/2010 15:07	0	1.46		85.7	<1	day until compliant vacuum achieved
BRGEW76R	6/8/2010 15:09	0	-0.04		116.5		
BRGEW76R	6/23/2010 14:33	0.03	-1.04		108.4		
BRGEW76R	6/23/2010 14:34	0	-0.81		108.1		
BRGEW78R	1/12/2010 14:00	0	-3.2		105		
BRGEW78R	1/21/2010 9:59	0		-3.6	105		
BRGEW78R	2/4/2010 8:17	0		-4.6	105		

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRGEW78R	2/22/2010 9:37	0		-6.2	95		
BRGEW78R	3/5/2010 12:16	0		-5.5	105		
BRGEW78R	3/5/2010 12:18	0		-5.8	105		
BRGEW78R	3/18/2010 15:49	0		-5.6	110		
BRGEW78R	4/13/2010 11:32	0	-6.79		113.4		
BRGEW78R	4/13/2010 11:34	0	-6.53		112.5		
BRGEW78R	4/28/2010 10:10	0	-4.92		110.9		
BRGEW78R	4/28/2010 10:12	0	-4.5		108.1		
BRGEW78R	5/11/2010 10:24	0	-2.63		111.6		
BRGEW78R	5/25/2010 9:57	0	-2.7		110		
BRGEW78R	6/8/2010 14:42	0	1.73		113.5		
BRGEW78R	6/8/2010 14:44	0	-0.01		117.8	<1	day until compliant vacuum achieved
BRGEW78R	6/23/2010 14:01	0.06	-5.15		113.1		
BRGEW78R	6/23/2010 14:03	0.09	-4.41		109.5		
BRGEW79R	1/12/2010 14:55	2.3	-2.3		108		
BRGEW79R	1/21/2010 10:27	8.1		-2.4	80		
BRGEW79R	1/21/2010 10:30	3.7		-3.2	118	<1	day until compliant oxygen concentration achieved
BRGEW79R	2/4/2010 8:36	0.2		-4.5	115		
BRGEW79R	2/4/2010 8:38	0.2		-4.7	117		
BRGEW79R	2/22/2010 10:04	0.3		-7.4	118		
BRGEW79R	2/22/2010 10:05	0.4		-7.1	118		
BRGEW79R	3/5/2010 12:31	0.9		-5.6	120		
BRGEW79R	3/5/2010 12:34	0.8		-5.9	120		
BRGEW79R	3/18/2010 16:07	0.7		-5.5	122		
BRGEW79R	3/18/2010 16:13	0.6		-5.9	122		
BRGEW79R	4/13/2010 11:38	0.12	-7.26		119.9		
BRGEW79R	4/13/2010 11:39	0.08	-6.53		118.8		
BRGEW79R	4/28/2010 10:33	0.51	-4.38		118.8		
BRGEW79R	4/28/2010 10:35	0.53	-4.03		116.3		
BRGEW79R	5/11/2010 10:45	0.43	-2.19		119.5		
BRGEW79R	5/11/2010 10:46	0.66	-1.92		116.2		
BRGEW79R	5/25/2010 10:45	0	-1.18		104.1		
BRGEW79R	6/8/2010 15:01	0	2.4		102.3		
BRGEW79R	6/8/2010 15:03	0	-0.09		128.9	<1	day until compliant vacuum achieved
BRGEW79R	6/23/2010 14:27	2.46	-3.71		124.1		

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRGEW79R	6/23/2010 14:30	2.94	-3.26		122.1		
BRGEW82R	1/12/2010 14:59	0	-2.4		128		
BRGEW82R	1/21/2010 10:22	0.3		-2.3	102		
BRGEW82R	1/21/2010 10:23	0.1		-2.2	100		
BRGEW82R	2/4/2010 8:30	0.3		-2.5	60		
BRGEW82R	2/4/2010 8:32	0		-2.6	80		
BRGEW82R	2/22/2010 9:48	0		-5.6	102		
BRGEW82R	3/5/2010 12:26	0		-4	118		
BRGEW82R	3/5/2010 12:27	0		-4.2	118		
BRGEW82R	3/18/2010 16:02	0		-4.2	112		
BRGEW82R	4/13/2010 11:54	0	-3.81		112.5		
BRGEW82R	4/13/2010 11:56	0	-3.57		112		
BRGEW82R	4/28/2010 10:27	0.09	-1.89		109.2		
BRGEW82R	4/28/2010 10:29	0.06	-1.73		107.4		
BRGEW82R	5/11/2010 10:40	0	-1.02		112.1		
BRGEW82R	5/11/2010 10:42	0	-0.97		110.4		
BRGEW82R	5/25/2010 10:11	0	-0.39		103.6		
BRGEW82R	6/8/2010 14:56	0	1.66		105.9		
BRGEW82R	6/8/2010 14:59	0	-0.01		118.1	<1	day until compliant vacuum achieved
BRGEW82R	6/23/2010 14:13	0.33	-1.43		118		
BRGEW82R	6/23/2010 14:15	0.27	-1.26		117		
BRIEW12A	1/4/2010 11:43	0	-0.3		58		
BRIEW12A	1/20/2010 9:14	0		0.3	60		
BRIEW12A	1/20/2010 9:35	0		-0.2	128	<1	day until compliant vacuum achieved
BRIEW12A	2/3/2010 10:24	0		-3.4	135		
BRIEW12A	2/3/2010 10:26	0		-3	128		
BRIEW12A	2/17/2010 10:52	0		-1.6	100		
BRIEW12A	2/17/2010 10:54	0		-1.5	92		
BRIEW12A	3/4/2010 11:53	0		-1	54		
BRIEW12A	3/17/2010 14:00	0		-1.1	88		
BRIEW12A	4/12/2010 9:20	0	-2.01		84.5		
BRIEW12A	4/27/2010 11:33	0.12	-2.01		67		
BRIEW12A	5/10/2010 10:10	0	-0.59		63		
BRIEW12A	5/24/2010 9:59	1.63	-1.05		104.8		
BRIEW12A	5/24/2010 10:01	1.6	-1		106.7		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIEW12A	6/7/2010 10:25	0.71	-1.23		91.3		
BRIEW12A	6/21/2010 12:46	5.9	-0.9		101.1		
BRIEW12A	6/21/2010 12:48	3.96	-1.12		97.7	<1	day until compliant oxygen concentration achieved
BRIEW14A	1/4/2010 11:54	0	-1.7		110		
BRIEW14A	1/20/2010 9:46	0		-4	118		
BRIEW14A	2/3/2010 10:36	0		-6.3	115		
BRIEW14A	2/17/2010 11:05	0		-6.2	115		
BRIEW14A	3/4/2010 12:03	0		-6.4	118		
BRIEW14A	3/17/2010 14:07	0		-5.8	120		
BRIEW14A	3/17/2010 14:09	0		-6.1	120		
BRIEW14A	4/12/2010 9:33	0.03	-6.62		120.1		
BRIEW14A	4/27/2010 12:56	0.17	-4.41		117.8		
BRIEW14A	5/10/2010 10:29	0.02	-2.61		117		
BRIEW14A	5/24/2010 10:16	0	-3.37		117		
BRIEW14A	6/7/2010 10:38	0	-3.13		116.7		
BRIEW14A	6/21/2010 12:59	0	-3.59		117.5		
BRIEW19A	1/4/2010 13:03	0	0.5		110		
BRIEW19A	1/4/2010 13:06	0	-0.3		128	<1	day until compliant vacuum achieved
BRIEW19A	1/20/2010 11:39	0		-3.1	130		
BRIEW19A	2/3/2010 11:06	0		-4.1	130		
BRIEW19A	2/17/2010 11:38	0		-3.8	130		
BRIEW19A	3/4/2010 13:14	0		-3.8	130		
BRIEW19A	3/17/2010 15:21	0		-3.6	130		
BRIEW19A	4/12/2010 10:04	0	-4.1		131.8		
BRIEW19A	4/12/2010 10:09	0	-3.2		129.2		
BRIEW19A	4/27/2010 13:28	0	-1.44		126.9		
BRIEW19A	5/10/2010 11:08	0	-0.69		130.7		
BRIEW19A	5/24/2010 10:43	0	-1.18		133.4		
BRIEW19A	5/24/2010 10:45	0	-0.73		130.5		
BRIEW19A	6/7/2010 11:05	0	-0.91		132		
BRIEW19A	6/7/2010 11:07	0	-0.44		128.7		
BRIEW19A	6/21/2010 13:27	0	-0.02		103		
BRIEW19A	6/21/2010 13:30	0	-0.31		105.6		
BRIEW20A	1/4/2010 13:11	0	-0.5		118		
BRIEW20A	1/4/2010 13:13	0	-0.9		120		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIEW20A	1/20/2010 11:48	0.3		-1.8	118		
BRIEW20A	1/20/2010 11:50	0.2		-1.4	118		
BRIEW20A	2/3/2010 11:10	1.9		-2.4	118		
BRIEW20A	2/3/2010 11:12	1.8		-1.7	118		
BRIEW20A	2/17/2010 11:41	0		-0.8	112		
BRIEW20A	2/17/2010 11:43	0		-1	115		
BRIEW20A	3/4/2010 13:19	0		-1	118		
BRIEW20A	3/4/2010 13:20	0		-1.4	118		
BRIEW20A	3/17/2010 15:36	0.4		-1.6	120		
BRIEW20A	3/17/2010 15:39	0.4		-2.3	120		
BRIEW20A	4/12/2010 10:16	1.99	-1.99		124.6		
BRIEW20A	4/12/2010 10:18	1.99	-1.16		123.8		
BRIEW20A	4/27/2010 13:37	0	-0.34		122.6		
BRIEW20A	4/27/2010 13:39	0	-0.52		122.9		
BRIEW20A	5/10/2010 11:12	0	-0.43		123.4		
BRIEW20A	5/10/2010 11:14	0	-1.14		124		
BRIEW20A	5/24/2010 10:49	0	-1.33		125.1		
BRIEW20A	5/24/2010 10:51	0	-1.79		126		
BRIEW20A	6/7/2010 11:11	0.09	-1.74		124.6		
BRIEW20A	6/21/2010 13:34	0.43	-1.42		126		
BRIEW20A	6/21/2010 13:38	0.4	-1.17		125.2		
BRIEW21A	1/4/2010 13:20	0	1.5		110		
BRIEW21A	1/4/2010 13:23	0	-0.2		130	<1	day until compliant vacuum achieved
BRIEW21A	1/20/2010 12:05	2.1		-3.8	128		
BRIEW21A	1/20/2010 12:12	2.9		-3.4	120		
BRIEW21A	2/3/2010 11:18	0.2		-4.4	102		
BRIEW21A	2/17/2010 12:03	0		-3.8	100		
BRIEW21A	3/4/2010 13:25	0		-3.4	112		
BRIEW21A	3/4/2010 13:26	0		-4.1	122		
BRIEW21A	3/17/2010 15:47	0		-2.6	105		
BRIEW21A	4/12/2010 10:22	0	-2.94		108.8		
BRIEW21A	4/12/2010 10:24	0	-2.99		109.9		
BRIEW21A	4/27/2010 13:44	0	-1.59		106.5		
BRIEW21A	5/10/2010 11:19	0.25	0.15		103.2		
BRIEW21A	5/10/2010 11:23	0.25	-0.25		109.7	<1	day until compliant vacuum achieved

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIEW21A	5/24/2010 10:55	0.09	-0.62		109		
BRIEW21A	6/7/2010 11:15	0	-0.48		105.4		
BRIEW21A	6/21/2010 13:42	0	-0.45		108.7		
BRIEW23A	1/11/2010 14:02	0	-0.1		108		
BRIEW23A	1/20/2010 12:25	0		-2.2	108		
BRIEW23A	1/20/2010 12:27	0		-1.7	105		
BRIEW23A	2/3/2010 11:26	0		-3.2	100		
BRIEW23A	2/3/2010 11:30	0		-3	95		
BRIEW23A	2/17/2010 12:12	0		-1.8	82		
BRIEW23A	2/17/2010 12:14	0		-1.8	78		
BRIEW23A	3/4/2010 13:50	0		-1.3	75		
BRIEW23A	3/4/2010 13:52	0		-1.2	72		
BRIEW23A	3/17/2010 15:57	0		-1	62		
BRIEW23A	4/12/2010 10:33	0	-1.5		84.7		
BRIEW23A	4/27/2010 14:00	0	-1.02		71.2		
BRIEW23A	5/10/2010 14:19	0	0.81		62		
BRIEW23A	5/10/2010 14:22	0	-0.07		104.1	<1	day until compliant vacuum achieved
BRIEW23A	5/24/2010 11:04	0	-1.83		110.9		
BRIEW23A	5/24/2010 11:06	0	-1.68		110.4		
BRIEW23A	6/7/2010 11:23	0	-1.1		109.5		
BRIEW23A	6/21/2010 13:49	0	-1.03		110.1		
BRIEW24A	1/11/2010 14:05	0	-0.3		92		
BRIEW24A	1/20/2010 12:30	0		-1	95		
BRIEW24A	2/4/2010 8:50	0		-1.7	92		
BRIEW24A	2/4/2010 8:53	0		-1.4	88		
BRIEW24A	2/17/2010 12:17	0		-1.6	65		
BRIEW24A	3/4/2010 13:57	0		-1	75		
BRIEW24A	3/17/2010 16:00	0		-0.8	78		
BRIEW24A	3/17/2010 16:02	0		-1	80		
BRIEW24A	4/12/2010 10:37	0	-1.55		93.3		
BRIEW24A	4/27/2010 14:05	0	-1.29		90.5		
BRIEW24A	5/10/2010 14:26	0	0.64		91.9		
BRIEW24A	5/10/2010 14:30	0	-0.09		107.4	<1	day until compliant vacuum achieved
BRIEW24A	5/24/2010 11:12	0	-2.33		115.5		
BRIEW24A	5/24/2010 11:14	0	-1.85		112.8		

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIEW24A	6/7/2010 11:27	0	-1.12		103.4		
BRIEW24A	6/21/2010 13:53	0	-0.95		109.1		
BRIEW25A	1/11/2010 14:09	0	-0.1		112		
BRIEW25A	1/20/2010 12:33	0		-0.3	118		
BRIEW25A	2/4/2010 8:56	0		-1.4	118		
BRIEW25A	2/4/2010 8:57	0		-1.3	110		
BRIEW25A	2/17/2010 12:21	0		-1.2	98		
BRIEW25A	3/4/2010 14:00	0		-1	100		
BRIEW25A	3/4/2010 14:02	0		-1.2	108		
BRIEW25A	3/17/2010 16:05	0		-1.3	120		
BRIEW25A	3/17/2010 16:07	0		-1.1	118		
BRIEW25A	4/12/2010 10:41	0	-1.67		112.1		
BRIEW25A	4/12/2010 10:43	0	-1.58		109.7		
BRIEW25A	4/27/2010 14:09	0	-1.09		94.9		
BRIEW25A	5/10/2010 14:35	0	0.72		91.1		
BRIEW25A	5/10/2010 14:36	0	-0.08		118	<1	day until compliant vacuum achieved
BRIEW25A	5/24/2010 11:18	0	-2.12		128.4		
BRIEW25A	5/24/2010 11:21	0	-1.74		126.6		
BRIEW25A	6/7/2010 11:36	0	-1.21		125.4		
BRIEW25A	6/7/2010 11:37	0	-1.07		123.2		
BRIEW25A	6/21/2010 13:56	0	-0.99		124.2		
BRIEW27A	1/11/2010 14:19	0	-0.2		115		
BRIEW27A	1/20/2010 12:41	0		0	118		
BRIEW27A	1/20/2010 12:43	0		-0.2	120	<1	day until compliant vacuum achieved
BRIEW27A	2/4/2010 9:06	0		-1.7	118		
BRIEW27A	2/17/2010 13:22	0		-1.7	118		
BRIEW27A	3/5/2010 8:07	0		-2.3	119		
BRIEW27A	3/17/2010 16:17	0		-1.5	120		
BRIEW27A	3/17/2010 16:18	0		-1.8	120		
BRIEW27A	4/12/2010 10:53	0	-2.74		121.8		
BRIEW27A	4/12/2010 10:55	0	-2.41		121.8		
BRIEW27A	4/27/2010 14:20	0	-1.91		120.4		
BRIEW27A	5/10/2010 14:46	0	-0.57		121		
BRIEW27A	5/24/2010 11:37	0	-1.69		121.6		
BRIEW27A	6/7/2010 12:55	0	-1.39		121.2		

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## Bridgeton Landfill Wellfield Data

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (Inches H <sub>2</sub> O)	Adjusted Static Pressure (Inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIEW27A	6/21/2010 14:05	0	-1.48		122.2		
BRIEW27A	6/21/2010 14:07	0	-1.25		122.1		
BRIGEW01	1/4/2010 10:42	0	-0.1		80		
BRIGEW01	1/20/2010 8:23	0		-0.4	100		
BRIGEW01	2/3/2010 9:27	0.2		-0.4	110		
BRIGEW01	2/17/2010 9:30	0		-0.4	110		
BRIGEW01	3/4/2010 11:19	0.1		-0.4	108		
BRIGEW01	3/4/2010 11:20	0		-0.3	108		
BRIGEW01	3/17/2010 11:00	0		-0.4	110		
BRIGEW01	4/12/2010 8:15	0.47	-0.4		111.8		
BRIGEW01	4/12/2010 8:17	0.41	-0.32		111.6		
BRIGEW01	4/27/2010 10:25	0.27	-0.38		106.7		
BRIGEW01	4/27/2010 10:27	0.19	-0.26		105.6		
BRIGEW01	5/10/2010 9:15	0	-0.29		101.5		
BRIGEW01	5/24/2010 8:59	0	-0.28		101.3		
BRIGEW01	6/7/2010 9:33	0	-0.29		99.1		
BRIGEW01	6/21/2010 10:45	0.19	-0.33		99.4		
BRIGEW02	1/4/2010 10:48	0	-3.4		118		
BRIGEW02	1/4/2010 10:50	0	-3.7		118		
BRIGEW02	1/20/2010 8:27	0		-5	115		
BRIGEW02	2/3/2010 9:33	0		-4.3	116		
BRIGEW02	2/17/2010 9:34	0		-4.8	115		
BRIGEW02	3/4/2010 11:24	0		-5.1	115		
BRIGEW02	3/17/2010 11:04	0		-5.4	115		
BRIGEW02	3/17/2010 11:06	0		-5.8	117		
BRIGEW02	4/12/2010 8:21	0	-5.84		118.8		
BRIGEW02	4/12/2010 8:23	0	-5.5		118.8		
BRIGEW02	4/27/2010 10:32	0	-6.23		117.5		
BRIGEW02	5/10/2010 9:20	0	-6.19		118		
BRIGEW02	5/10/2010 9:22	0	-5.5		118		
BRIGEW02	5/24/2010 9:04	0	-4.45		118.6		
BRIGEW02	6/7/2010 9:40	0	-4.03		119.4		
BRIGEW02	6/21/2010 10:49	0.08	-4.24		118.8		
BRIGEW03	1/4/2010 10:55	0	-0.3		38		
BRIGEW03	1/20/2010 8:30	0		-0.6	60		

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (Inches H <sub>2</sub> O)	Adjusted Static Pressure (Inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIGEW03	2/3/2010 9:36	0		-0.9	60		
BRIGEW03	2/17/2010 9:38	0		-0.5	50		
BRIGEW03	2/17/2010 9:40	0		-0.7	85		
BRIGEW03	3/4/2010 11:27	0		-1.1	110		
BRIGEW03	3/17/2010 13:14	0		-1.2	115		
BRIGEW03	4/12/2010 8:28	0	-1.77		112.5		
BRIGEW03	4/12/2010 8:30	0	-1.73		112.1		
BRIGEW03	4/27/2010 10:39	0.27	-1.58		122.9		
BRIGEW03	5/10/2010 9:28	0.22	-0.87		120.6		
BRIGEW03	5/24/2010 9:17	0.44	-0.98		123.2		
BRIGEW03	6/7/2010 9:43	0.31	-0.75		120.7		
BRIGEW03	6/21/2010 10:54	0.44	-0.68		119.6		
BRIGEW04	1/4/2010 10:59	0	-0.4		118		
BRIGEW04	1/20/2010 8:38	0		-0.6	118		
BRIGEW04	2/3/2010 9:39	0		-1.1	120		
BRIGEW04	2/3/2010 9:42	0		-1	115		
BRIGEW04	2/17/2010 9:43	0		-0.4	110		
BRIGEW04	2/17/2010 9:45	0		-0.5	110		
BRIGEW04	3/4/2010 11:30	0		-0.7	118		
BRIGEW04	3/17/2010 13:17	0		-1	120		
BRIGEW04	3/17/2010 13:19	0		-1.1	120		
BRIGEW04	4/12/2010 8:33	0	-1.67		119.7		
BRIGEW04	4/12/2010 8:35	0	-1.59		118.9		
BRIGEW04	4/27/2010 10:43	0	-1.5		118		
BRIGEW04	4/27/2010 10:45	0	-1.35		115.7		
BRIGEW04	5/10/2010 9:37	0	-0.55		116.3		
BRIGEW04	5/24/2010 9:21	0	-0.89		119.1		
BRIGEW04	6/7/2010 9:47	0	-0.64		118.6		
BRIGEW04	6/21/2010 10:59	0	-0.55		120		
BRIGEW05	1/4/2010 11:02	0	-0.1		82		
BRIGEW05	1/20/2010 8:41	0		-0.2	82		
BRIGEW05	2/3/2010 9:45	0		-0.8	80		
BRIGEW05	2/3/2010 9:48	0		-0.7	78		
BRIGEW05	2/17/2010 9:48	0		-0.2	68		
BRIGEW05	3/4/2010 11:32	0		-0.2	78		

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (Inches H <sub>2</sub> O)	Adjusted Static Pressure (Inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIGEW05	3/17/2010 13:25	0		-0.4	80		
BRIGEW05	4/12/2010 8:39	0	-0.88		81.1		
BRIGEW05	4/12/2010 8:41	0	-0.87		80.6		
BRIGEW05	4/27/2010 10:48	0	-0.81		72.2		
BRIGEW05	4/27/2010 10:50	0	-0.8		70		
BRIGEW05	5/10/2010 9:41	0	-0.05		59.7		
BRIGEW05	5/24/2010 9:30	0	-0.55		94.6		
BRIGEW05	6/7/2010 9:53	0	-0.29		83.4		
BRIGEW05	6/21/2010 11:02	0.01	-0.21		96		
BRIGEW06	1/4/2010 11:07	0	-0.3		90		
BRIGEW06	1/20/2010 8:47	0		-0.4	90		
BRIGEW06	2/3/2010 9:52	0.6		-1.3	85		
BRIGEW06	2/3/2010 9:54	0.6		-1.2	80		
BRIGEW06	2/17/2010 9:52	0		-0.4	75		
BRIGEW06	3/4/2010 11:35	0		-0.3	88		
BRIGEW06	3/17/2010 13:33	0		-0.6	82		
BRIGEW06	4/12/2010 8:46	0.97	-0.95		90.9		
BRIGEW06	4/12/2010 8:48	1.06	-0.88		88.8		
BRIGEW06	4/27/2010 10:54	0.47	-0.94		77.5		
BRIGEW06	4/27/2010 10:56	0.48	-0.86		75.6		
BRIGEW06	5/10/2010 9:47	0	-0.06		59.6		
BRIGEW06	5/24/2010 9:33	0.82	-0.62		96.9		
BRIGEW06	6/7/2010 9:58	0	-0.39		86.4		
BRIGEW06	6/21/2010 11:05	0.11	-0.32		98.3		
BRIGEW07	1/4/2010 11:12	0	-8.1		110		
BRIGEW07	1/4/2010 11:15	0	-8.5		110		
BRIGEW07	1/20/2010 8:51	0		-8.1	115		
BRIGEW07	1/20/2010 8:53	0		-8.5	115		
BRIGEW07	2/3/2010 9:59	0		-11.9	112		
BRIGEW07	2/17/2010 10:03	0		-11.5	115		
BRIGEW07	3/4/2010 11:38	0		-12	115		
BRIGEW07	3/17/2010 13:38	0		-12.2	115		
BRIGEW07	3/17/2010 13:39	0		-13.2	118		
BRIGEW07	4/12/2010 8:55	0	-12.71		112.8		
BRIGEW07	4/12/2010 8:57	0	-12.03		112.8		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

## Bridgeton Landfill Wellfield Data

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (Inches H <sub>2</sub> O)	Adjusted Static Pressure (Inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIGEW07	4/27/2010 11:10	0	-13.06		112.5		
BRIGEW07	5/10/2010 9:51	0	-13.06		112.9		
BRIGEW07	5/24/2010 9:40	0	-13.19		113.6		
BRIGEW07	6/7/2010 10:03	0	-12.46		113.5		
BRIGEW07	6/21/2010 11:20	0.11	-13.06		113.8		
BRIGEW08	1/4/2010 11:21	0	-1.2		118		
BRIGEW08	1/4/2010 11:23	0	-1.4		118		
BRIGEW08	1/20/2010 8:56	0		-1.4	118		
BRIGEW08	2/3/2010 10:02	0		-2.9	118		
BRIGEW08	2/17/2010 10:07	0		-2.3	118		
BRIGEW08	2/17/2010 10:09	0		-2.5	118		
BRIGEW08	3/4/2010 11:41	0		-2.6	120		
BRIGEW08	3/17/2010 13:44	0		-2.4	120		
BRIGEW08	3/17/2010 13:45	0		-3	120		
BRIGEW08	4/12/2010 9:00	0.02	-3.67		117		
BRIGEW08	4/12/2010 9:02	0	-3.36		117		
BRIGEW08	4/27/2010 11:14	0.09	-3.72		116.2		
BRIGEW08	5/10/2010 9:55	0.02	-3.06		116		
BRIGEW08	5/24/2010 9:44	0.08	-3.37		117.1		
BRIGEW08	6/7/2010 10:06	0.17	-3.14		117.2		
BRIGEW08	6/21/2010 11:33	0.17	-3.19		117.3		
BRIGEW09	1/4/2010 11:27	0	-0.2		40		
BRIGEW09	1/4/2010 11:30	0	-0.3		65		
BRIGEW09	1/20/2010 9:00	0		-0.2	90		
BRIGEW09	2/3/2010 10:13	0		-1.3	90		
BRIGEW09	2/17/2010 10:13	0		-0.8	78		
BRIGEW09	3/4/2010 11:44	0		-0.6	85		
BRIGEW09	3/17/2010 13:48	0		-0.4	85		
BRIGEW09	4/12/2010 9:06	0	-0.94		88.8		
BRIGEW09	4/12/2010 9:08	0	-0.93		88.5		
BRIGEW09	4/27/2010 11:18	0	-1.13		77.1		
BRIGEW09	4/27/2010 11:20	0	-1.09		75.9		
BRIGEW09	5/10/2010 9:58	0	-0.34		66.5		
BRIGEW09	5/24/2010 9:48	0	-0.83		89.3		
BRIGEW09	6/7/2010 10:13	0	-0.74		85.9		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

## Bridgeton Landfill Wellfield Data

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (Inches H <sub>2</sub> O)	Adjusted Static Pressure (Inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIGEW09	6/21/2010 11:37	0.12	-0.68		94.6		
BRIGEW10	1/4/2010 11:34	0	-10.4		118		
BRIGEW10	1/20/2010 9:03	0		-10.8	120		
BRIGEW10	2/3/2010 10:16	0		-11.8	120		
BRIGEW10	2/17/2010 10:18	0		-11.2	118		
BRIGEW10	2/17/2010 10:19	0		-11.5	118		
BRIGEW10	3/4/2010 11:46	0		-11.9	119		
BRIGEW10	3/17/2010 13:51	0		-12.2	118		
BRIGEW10	3/17/2010 13:52	0		-12.8	118		
BRIGEW10	4/12/2010 9:11	0	-11.38		118.2		
BRIGEW10	4/27/2010 11:24	0.11	-13.27		118		
BRIGEW10	5/10/2010 10:02	0.1	-13.75		118		
BRIGEW10	5/24/2010 9:51	0.15	-13.27		118		
BRIGEW10	6/7/2010 10:17	0	-13.1		118.3		
BRIGEW10	6/21/2010 11:42	0	-13.62		118.1		
BRIGEW11	1/4/2010 11:39	0	-2.4		102		
BRIGEW11	1/20/2010 9:06	0		-1.9	110		
BRIGEW11	2/3/2010 10:19	0		-3.9	108		
BRIGEW11	2/17/2010 10:48	0		-3.2	105		
BRIGEW11	3/4/2010 11:50	0		-3	110		
BRIGEW11	3/17/2010 13:55	0		-2.9	112		
BRIGEW11	3/17/2010 13:57	0		-3.1	118		
BRIGEW11	4/12/2010 9:16	0	-4.05		123.4		
BRIGEW11	4/27/2010 11:28	0	-4.78		122.6		
BRIGEW11	5/10/2010 10:05	0	-3.94		124.1		
BRIGEW11	5/24/2010 9:55	0	-4.02		126		
BRIGEW11	6/7/2010 10:21	0	-4.29		126		
BRIGEW11	6/21/2010 11:45	0	-4.3		126.3		
BRIGEW13	1/4/2010 11:49	0	-0.2		100		
BRIGEW13	1/20/2010 9:41	0		-2	138		
BRIGEW13	1/20/2010 9:43	0		-1.4	130		
BRIGEW13	2/3/2010 10:32	0.3		-3.5	130		
BRIGEW13	2/17/2010 10:58	0		-2.9	125		
BRIGEW13	2/17/2010 11:00	0		-2.6	120		
BRIGEW13	3/4/2010 11:56	0		-2	92		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIGEW13	3/4/2010 11:57	0		-1.8	92		
BRIGEW13	3/17/2010 14:03	0		-1.1	70		
BRIGEW13	4/12/2010 9:25	0	-1.8		85.7		
BRIGEW13	4/12/2010 9:27	0	-1.72		88		
BRIGEW13	4/27/2010 11:38	0	0.22		65.7		
BRIGEW13	4/27/2010 11:40	0	-0.1		68.2	<1	day until compliant vacuum achieved
BRIGEW13	5/10/2010 10:17	0	1.7		109.2		
BRIGEW13	5/10/2010 10:20	0	-0.09		142.5	<1	day until compliant vacuum achieved
BRIGEW13	5/10/2010 10:22	0	-0.05		145.1		
BRIGEW13	5/24/2010 10:05	0.07	-3.84		149.7		
BRIGEW13	5/24/2010 10:07	0.1	-1.31		143.9		
BRIGEW13	6/7/2010 10:30	0	-0.98		147.4		
BRIGEW13	6/7/2010 10:32	0	-0.04		142.9		
BRIGEW13	6/21/2010 12:53	0	-0.67		145.5		
BRIGEW13	6/21/2010 12:55	0	-0.38		143.3		well noncompliant with temperature at the end of the 1st half 2010
BRIGEW15	1/4/2010 11:58	0	1.5		22		
BRIGEW15	1/4/2010 12:02	0	-0.3		90	<1	day until compliant vacuum achieved
BRIGEW15	1/20/2010 9:49	0		-3.5	102		
BRIGEW15	1/20/2010 9:51	0		-3.1	102		
BRIGEW15	2/3/2010 10:40	0		-4.5	95		
BRIGEW15	2/3/2010 10:44	0		-3.7	92		
BRIGEW15	2/17/2010 11:09	0		-3.7	88		
BRIGEW15	2/17/2010 11:11	0		-3.5	82		
BRIGEW15	3/4/2010 12:49	0		-3.4	82		
BRIGEW15	3/17/2010 14:12	0		-3.7	82		
BRIGEW15	4/12/2010 9:37	0	-4.18		95.1		
BRIGEW15	4/12/2010 9:39	0	-4.12		94		
BRIGEW15	4/27/2010 13:02	0	-1.53		91.9		
BRIGEW15	5/10/2010 10:36	0	-0.02		96.8		
BRIGEW15	5/24/2010 10:20	0	-1.35		99.7		
BRIGEW15	6/7/2010 10:41	0	-0.55		102.8		
BRIGEW15	6/21/2010 13:03	0	-1.34		101.1		
BRIGEW15	6/21/2010 13:05	0	-1.22		100.6		
BRIGEW29	1/11/2010 14:27	0	-0.4		75		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

## Bridgeton Landfill Wellfield Data

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIGEW29	1/20/2010 12:50	0		0	78		
BRIGEW29	1/20/2010 12:52	0		-0.2	92	<1	day until compliant vacuum achieved
BRIGEW29	2/4/2010 9:16	0		-2	100		
BRIGEW29	2/4/2010 9:18	0		-1.8	92		
BRIGEW29	2/17/2010 13:30	0		-1.6	92		
BRIGEW29	2/17/2010 13:32	0		-1.5	82		
BRIGEW29	3/5/2010 8:20	0		-1.8	65		
BRIGEW29	3/17/2010 16:27	0		-1	70		
BRIGEW29	3/17/2010 16:30	0		-1.5	92		
BRIGEW29	4/12/2010 11:02	0	-2.68		109.9		
BRIGEW29	4/12/2010 11:04	0	-2.38		107.6		
BRIGEW29	4/27/2010 14:36	0	-1.87		105.4		
BRIGEW29	5/10/2010 14:53	0	-0.08		105.6		
BRIGEW29	5/24/2010 11:43	0	-1.38		109.3		
BRIGEW29	6/7/2010 13:02	0	-1.15		109.2		
BRIGEW29	6/21/2010 14:17	0	-1.49		110.2		
BRIGEW29	6/21/2010 14:19	0	-1.31		108.3		
BRIGEW34	1/11/2010 14:53	0	-0.8		115		
BRIGEW34	1/20/2010 13:30	0		0.4	120		
BRIGEW34	1/20/2010 13:34	0		-0.2	128	<1	day until compliant vacuum achieved
BRIGEW34	2/4/2010 9:37	0		-3.2	130		
BRIGEW34	2/17/2010 13:58	0		-3	130		
BRIGEW34	3/5/2010 8:40	0		-3.6	130		
BRIGEW34	3/17/2010 17:11	0		-1.8	130		
BRIGEW34	4/12/2010 11:28	0	-1.91		125.1		
BRIGEW34	4/27/2010 16:18	0	-2.48		125.6		
BRIGEW34	5/10/2010 15:24	0	-0.87		126		
BRIGEW34	5/24/2010 13:17	0	-3.5		128.1		
BRIGEW34	6/7/2010 13:23	0	-3.18		127.5		
BRIGEW34	6/21/2010 14:42	0	-2.71		128.1		
BRIGEW35	1/11/2010 14:58	0	-1.4		115		
BRIGEW35	1/11/2010 15:01	0	-1.5		115		
BRIGEW35	1/20/2010 14:15	0		0.4	115		
BRIGEW35	1/20/2010 14:18	0		-0.2	120	<1	day until compliant vacuum achieved
BRIGEW35	2/4/2010 9:41	0		-2.8	118		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIGEW35	2/4/2010 9:42	0		-2.4	115		
BRIGEW35	2/17/2010 14:02	0		-2	115		
BRIGEW35	2/17/2010 14:05	0		-1.7	115		
BRIGEW35	3/5/2010 8:44	0		-2.2	115		
BRIGEW35	3/5/2010 8:45	0		-1.8	110		
BRIGEW35	3/17/2010 17:15	0		0.2	75		
BRIGEW35	3/17/2010 17:19	0		-0.2	95	<1	day until compliant vacuum achieved
BRIGEW35	4/12/2010 11:32	0	-0.96		111.6		
BRIGEW35	4/12/2010 11:34	0	-0.88		110.4		
BRIGEW35	4/27/2010 16:22	0	-0.68		109		
BRIGEW35	4/27/2010 16:24	0	-0.47		102.7		
BRIGEW35	5/10/2010 15:30	0	2.34		79.5		
BRIGEW35	5/10/2010 15:32	0	-0.06		120.5	<1	day until compliant vacuum achieved
BRIGEW35	5/24/2010 13:24	0	-3.84		117		
BRIGEW35	6/7/2010 13:27	0	-3.84		116.8		
BRIGEW35	6/7/2010 13:33	0	-2.7		114.9		
BRIGEW35	6/21/2010 14:52	0	-1.82		117.2		
BRIGEW35	6/21/2010 14:54	0	-1.28		115.7		
BRIGEW36	1/12/2010 9:16	0	-0.9		120		
BRIGEW36	1/12/2010 9:18	0	-0.8		118		
BRIGEW36	1/20/2010 14:24	0		1	118		
BRIGEW36	1/20/2010 14:27	0		-0.1	130	<1	day until compliant vacuum achieved
BRIGEW36	2/4/2010 9:46	0		-2.8	120		
BRIGEW36	2/4/2010 9:47	0		-2.4	120		
BRIGEW36	2/17/2010 14:10	0		-1.9	118		
BRIGEW36	2/17/2010 14:12	0		-1.7	118		
BRIGEW36	3/5/2010 8:49	0		-2.3	120		
BRIGEW36	3/5/2010 8:50	0		-2.1	120		
BRIGEW36	3/17/2010 17:24	0		-0.1	115		
BRIGEW36	3/17/2010 17:26	0		-0.4	122		
BRIGEW36	4/12/2010 11:38	0	-1.42		128.7		
BRIGEW36	4/12/2010 11:40	0	-1.23		126		
BRIGEW36	4/27/2010 16:27	0	-0.69		124.6		
BRIGEW36	4/27/2010 16:29	0	-0.43		115.2		
BRIGEW36	5/10/2010 15:37	0	2.74		59.5		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

## Bridgeton Landfill Wellfield Data

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIGEW36	5/10/2010 15:39	0	-0.05		130.6	<1	day until compliant vacuum achieved
BRIGEW36	5/24/2010 13:28	0.03	-2.68		125.1		
BRIGEW36	6/7/2010 13:37	0	-2.91		124.3		
BRIGEW36	6/7/2010 13:40	0	-2.37		123.7		
BRIGEW36	6/21/2010 14:57	0	-1.72		127.2		
BRIGEW36	6/21/2010 14:58	0	-1.28		126.3		
BRIGEW37	1/12/2010 9:21	0	-0.8		130		
BRIGEW37	1/20/2010 14:32	0		0.3	128		
BRIGEW37	1/20/2010 14:33	0		-0.2	130	<1	day until compliant vacuum achieved
BRIGEW37	2/4/2010 9:51	0		-2.4	126		
BRIGEW37	2/4/2010 9:52	0		-2	125		
BRIGEW37	2/17/2010 14:15	0		-1.6	128		
BRIGEW37	2/17/2010 14:17	0		-1.3	125		
BRIGEW37	3/5/2010 8:53	0		-2	130		
BRIGEW37	3/5/2010 8:55	0		-1.9	128		
BRIGEW37	3/17/2010 17:29	0		-0.4	120		
BRIGEW37	3/17/2010 17:31	0		-0.6	125		
BRIGEW37	4/12/2010 11:44	0	-1.38		132.1		
BRIGEW37	4/12/2010 11:45	0	-1.2		127.6	<1	day until compliant temperature achieved
BRIGEW37	4/27/2010 16:33	0	-0.71		120.7		
BRIGEW37	4/27/2010 16:36	0	-0.59		115.2		
BRIGEW37	5/10/2010 15:44	0	1.98		63.5		
BRIGEW37	5/10/2010 15:47	0	-0.05		130.8	<1	day until compliant vacuum achieved
BRIGEW37	5/24/2010 13:32	0	-1.34		125.8		
BRIGEW37	6/7/2010 13:43	0	-1.56		125.6		
BRIGEW37	6/21/2010 15:01	0	-1.21		128.2		
BRIGEW37	6/21/2010 15:03	0	-0.93		127.5		
BRIGEW38	1/12/2010 9:25	0	-1.2		120		
BRIGEW38	1/20/2010 14:36	0		-0.3	118		
BRIGEW38	2/4/2010 9:55	0		-1.9	120		
BRIGEW38	2/17/2010 14:21	0		-1.6	118		
BRIGEW38	3/5/2010 8:57	0		-2.3	120		
BRIGEW38	3/17/2010 17:34	0		-1.3	118		
BRIGEW38	3/17/2010 17:36	0		-1.6	120		
BRIGEW38	4/12/2010 11:50	0	-2.26		120.2		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIGEW38	4/27/2010 16:39	0	-2.35		119.6		
BRIGEW38	5/10/2010 15:51	0	-0.63		118		
BRIGEW38	5/24/2010 13:36	0	-2.35		120.4		
BRIGEW38	6/7/2010 13:46	0.01	-2.12		120.7		
BRIGEW38	6/21/2010 15:06	0	-1.47		121		
BRIGEW39	1/12/2010 9:28	0	-1.2		112		
BRIGEW39	1/20/2010 14:39	0		-1.1	112		
BRIGEW39	1/20/2010 14:41	0		-1.4	112		
BRIGEW39	2/4/2010 9:57	0		-2	112		
BRIGEW39	2/4/2010 10:04	0		-1.4	112		
BRIGEW39	2/17/2010 14:31	0		-1.1	112		
BRIGEW39	3/5/2010 9:00	0		-1.5	112		
BRIGEW39	3/5/2010 9:02	0		-1.8	112		
BRIGEW39	3/17/2010 17:41	0		-1.4	112		
BRIGEW39	3/17/2010 17:43	0		-1.7	112		
BRIGEW39	4/12/2010 11:54	0	-1.77		112.4		
BRIGEW39	4/12/2010 11:55	0	-1.38		112.3		
BRIGEW39	4/27/2010 16:43	0	-1.46		112.2		
BRIGEW39	5/10/2010 15:55	0	-0.83		111.8		
BRIGEW39	5/24/2010 13:39	0	-1.66		112.3		
BRIGEW39	6/7/2010 13:49	0	-1.65		112.6		
BRIGEW39	6/7/2010 13:52	0	-1.77		112.7		
BRIGEW39	6/21/2010 15:09	0	-1.51		112.5		
BRIGEW40	1/12/2010 9:32	0	-0.6		88		
BRIGEW40	1/20/2010 14:44	0		-0.4	90		
BRIGEW40	2/3/2010 12:59	0		-1.2	90		
BRIGEW40	2/3/2010 13:01	0		-0.9	88		
BRIGEW40	2/17/2010 14:34	0		-0.6	78		
BRIGEW40	3/5/2010 9:12	0		-1	82		
BRIGEW40	3/5/2010 9:15	0		-1.2	88		
BRIGEW40	3/17/2010 17:47	0		-0.9	92		
BRIGEW40	4/13/2010 7:01	0	-1.54		94.6		
BRIGEW40	4/13/2010 7:03	0	-1.39		93.8		
BRIGEW40	4/27/2010 16:46	0	-1.02		94.4		
BRIGEW40	4/27/2010 16:48	0	-0.75		92.3		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIGEW40	5/10/2010 16:33	0	0.28		79.5		
BRIGEW40	5/10/2010 16:35	0	-0.01		86.3	<1	day until compliant vacuum achieved
BRIGEW40	5/24/2010 13:49	0	-0.91		98.8		
BRIGEW40	5/24/2010 13:50	0	-0.57		97.5		
BRIGEW40	6/7/2010 13:57	0	-0.47		91.5		
BRIGEW40	6/23/2010 8:31	0.09	-0.69		91.7		
BRIGEW44	1/12/2010 9:45	0	-0.6		112		
BRIGEW44	1/20/2010 14:58	0		-0.4	115		
BRIGEW44	1/20/2010 15:00	0		-0.8	120		
BRIGEW44	2/3/2010 13:53	0		-1.7	118		
BRIGEW44	2/17/2010 15:59	0		-1.6	115		
BRIGEW44	3/5/2010 9:29	0		-2	115		
BRIGEW44	3/5/2010 9:31	0		-2.4	118		
BRIGEW44	3/17/2010 18:01	0		-2	120		
BRIGEW44	3/17/2010 18:02	0		-2.3	120		
BRIGEW44	4/13/2010 7:25	0.11	-3.23		119.4		
BRIGEW44	4/13/2010 7:27	0.12	-2.84		115.7		
BRIGEW44	4/27/2010 17:11	0.06	-2.24		118		
BRIGEW44	5/10/2010 17:03	0	-1.49		121.2		
BRIGEW44	5/24/2010 14:17	0	-1.65		122.8		
BRIGEW44	6/7/2010 14:13	0	-1.88		122.1		
BRIGEW44	6/23/2010 8:50	0	-2.21		121.2		
BRIGEW48	1/12/2010 10:01	0	-0.7		95		
BRIGEW48	1/20/2010 15:17	0		-0.6	95		
BRIGEW48	2/3/2010 14:35	0		-0.8	92		
BRIGEW48	2/3/2010 14:37	0		-0.5	92		
BRIGEW48	2/17/2010 16:16	0		-0.7	95		
BRIGEW48	3/5/2010 9:52	0		-1	98		
BRIGEW48	3/17/2010 18:27	0		-1	95		
BRIGEW48	3/17/2010 18:28	0		-1.3	98		
BRIGEW48	4/13/2010 7:46	0	-2.06		107.7		
BRIGEW48	4/13/2010 7:48	0	-1.94		107.8		
BRIGEW48	4/27/2010 17:36	0	-1.49		107.7		
BRIGEW48	5/10/2010 17:23	0	-0.17		107.4		
BRIGEW48	5/24/2010 14:42	0	-0.7		108.8		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (Inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIGEW48	6/7/2010 14:32	0	-0.95		108.8		
BRIGEW48	6/23/2010 9:11	0	-1.04		108.3		
BRIGEW49	1/12/2010 10:06	0	-0.1		42		
BRIGEW49	1/20/2010 15:21	0		-0.1	98		
BRIGEW49	2/3/2010 14:43	0		-0.5	78		
BRIGEW49	2/3/2010 14:47	0		-0.3	78		
BRIGEW49	2/17/2010 16:20	0		-0.3	40		
BRIGEW49	3/5/2010 9:55	0		-0.6	52		
BRIGEW49	3/17/2010 18:32	0		-0.4	58		
BRIGEW49	4/13/2010 7:51	0	-1.33		67.8		
BRIGEW49	4/13/2010 7:53	0	-1.32		68.2		
BRIGEW49	4/27/2010 17:39	0	-0.73		74.5		
BRIGEW49	5/10/2010 17:28	0	0.37		54.4		
BRIGEW49	5/10/2010 17:30	0	-0.02		87.8	<1	day until compliant vacuum achieved
BRIGEW49	5/24/2010 14:45	0	-0.55		103.3		
BRIGEW49	5/24/2010 14:47	0	-0.44		102.6		
BRIGEW49	6/7/2010 14:35	0	-0.58		104.1		
BRIGEW49	6/7/2010 14:37	0	-0.56		103.2		
BRIGEW49	6/23/2010 9:24	0.03	-0.61		101.5		
BRIGEW49	6/23/2010 9:26	0	-0.53		100.8		
BRIGEW50	1/12/2010 10:10	0	-0.5		112		
BRIGEW50	1/20/2010 15:25	0		-0.2	115		
BRIGEW50	1/20/2010 15:28	0		-0.4	115		
BRIGEW50	2/3/2010 14:59	0		-1	118		
BRIGEW50	2/17/2010 16:24	0		-1	110		
BRIGEW50	2/17/2010 16:25	0		-1.2	110		
BRIGEW50	3/5/2010 10:00	0		-1.6	118		
BRIGEW50	3/5/2010 10:01	0		-2	118		
BRIGEW50	3/17/2010 18:36	0		-2.2	120		
BRIGEW50	3/17/2010 18:37	0		-2.6	120		
BRIGEW50	4/13/2010 7:57	0	-3.17		111.8		
BRIGEW50	4/27/2010 17:43	0	-2.6		111.9		
BRIGEW50	5/10/2010 17:34	0	-1.61		111.3		
BRIGEW50	5/24/2010 14:50	0	-2.22		112.8		
BRIGEW50	6/7/2010 14:41	0	-2.17		112.3		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

## Bridgeton Landfill Wellfield Data

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (Inches H <sub>2</sub> O)	Adjusted Static Pressure (Inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIGEW50	6/23/2010 9:36	0	-2.78		112.3		
BRIGEW51	1/12/2010 10:13	0	-1.4		118		
BRIGEW51	1/20/2010 15:31	0		-1.1	120		
BRIGEW51	2/3/2010 15:05	0		-1.9	118		
BRIGEW51	2/17/2010 16:28	0		-1.9	118		
BRIGEW51	3/5/2010 10:05	0		-2.2	115		
BRIGEW51	3/18/2010 13:32	0		-1.8	118		
BRIGEW51	3/18/2010 13:33	0		-2	118		
BRIGEW51	4/13/2010 8:06	0	-3.35		114.7		
BRIGEW51	4/13/2010 8:08	0	-3.28		114.7		
BRIGEW51	4/27/2010 17:46	0	-2.67		114.8		
BRIGEW51	4/27/2010 17:48	0	-2.36		114.5		
BRIGEW51	5/11/2010 7:58	0	-2.55		116.3		
BRIGEW51	5/11/2010 8:00	0	-2.28		115.5		
BRIGEW51	5/24/2010 14:55	0	-0.9		115.3		
BRIGEW51	6/7/2010 14:44	0	-1.24		114.7		
BRIGEW51	6/23/2010 9:39	0	-1.5		114.5		
BRIGEW52	1/12/2010 10:17	0	0		72		
BRIGEW52	1/12/2010 10:19	0	-0.1	0	75	<1	day until compliant vacuum achieved
BRIGEW52	1/20/2010 15:34	0		-0.2	110	<1	day until compliant vacuum achieved
BRIGEW52	2/3/2010 15:11	0		-0.6	105		
BRIGEW52	2/3/2010 15:17	0		-0.4	98		
BRIGEW52	2/17/2010 16:31	0		-0.3	68		
BRIGEW52	3/5/2010 10:08	0		-0.3	75		
BRIGEW52	3/18/2010 13:38	0		-0.2	82		
BRIGEW52	4/13/2010 8:00	0	-0.85		80.8		
BRIGEW52	4/13/2010 8:02	0	-0.82		79.9		
BRIGEW52	4/27/2010 17:52	0	-0.55		77.3		
BRIGEW52	5/11/2010 8:05	0	-0.49		76.8		
BRIGEW52	5/24/2010 14:58	0	-0.08		98.9		
BRIGEW52	6/7/2010 14:48	0	-0.21		92.5		
BRIGEW52	6/23/2010 9:42	0.01	-0.3		94.2		
BRIGEW53	1/12/2010 10:23	0	-0.2		42		
BRIGEW53	1/20/2010 15:38	0		0	45		
BRIGEW53	1/20/2010 15:40	0		-0.3	92	<1	day until compliant vacuum achieved

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIGEW53	2/3/2010 15:22	0		-1.3	125		
BRIGEW53	2/17/2010 16:35	0		-1.2	122		
BRIGEW53	2/17/2010 16:37	0		-1	120		
BRIGEW53	3/5/2010 10:11	0		-1.2	112		
BRIGEW53	3/18/2010 13:41	0		-0.5	115		
BRIGEW53	3/18/2010 13:43	0		-0.6	122		
BRIGEW53	4/13/2010 8:12	0	-2.22		122.3		
BRIGEW53	4/27/2010 17:57	0	-1.65		123.4		
BRIGEW53	5/11/2010 8:08	0	-1.76		122.1		
BRIGEW53	5/24/2010 15:03	0	-0.49		120.7		
BRIGEW53	6/7/2010 14:51	0	-0.84		123.2		
BRIGEW53	6/23/2010 9:47	0.02	-1.12		123.4		
BRIGEW54	1/12/2010 10:26	0	-0.6		120		
BRIGEW54	1/20/2010 15:43	0		-0.5	122		
BRIGEW54	2/3/2010 15:26	0		-1.1	120		
BRIGEW54	2/17/2010 16:41	0		-1	120		
BRIGEW54	2/17/2010 16:43	0		-0.8	120		
BRIGEW54	3/5/2010 10:14	0		-1	120		
BRIGEW54	3/5/2010 10:15	0		-0.8	120		
BRIGEW54	3/18/2010 13:46	0		-0.2	110		
BRIGEW54	4/13/2010 8:16	0	-1.56		119.1		
BRIGEW54	4/13/2010 8:17	0	-1.52		117.8		
BRIGEW54	4/27/2010 18:00	0	-1.01		117		
BRIGEW54	5/11/2010 8:11	0	-1.44		120.1		
BRIGEW54	5/11/2010 8:13	0	-1.34		117.8		
BRIGEW54	5/24/2010 15:06	0	-0.17		115.5		
BRIGEW54	6/7/2010 14:54	0	-0.36		114.3		
BRIGEW54	6/23/2010 9:52	0.54	-0.56		109		
BRIGEW55	1/12/2010 10:29	0	-0.6		112		
BRIGEW55	1/20/2010 15:46	0		-0.4	118		
BRIGEW55	2/3/2010 15:30	0		-1.1	112		
BRIGEW55	2/17/2010 16:46	0		-0.9	110		
BRIGEW55	3/5/2010 10:18	0		-1.2	110		
BRIGEW55	3/18/2010 14:04	0		-0.4	115		
BRIGEW55	4/13/2010 8:22	0	-1.71		114.7		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

## Bridgeton Landfill Wellfield Data

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIGEW55	4/27/2010 18:05	0	-1.26		116.3		
BRIGEW55	5/11/2010 8:16	0	-1.56		118.8		
BRIGEW55	5/24/2010 15:09	0	-0.53		118.8		
BRIGEW55	6/7/2010 14:57	0	-0.72		119.6		
BRIGEW55	6/23/2010 9:56	0.03	-1		118.6		
BRIGEW58	1/12/2010 11:07	0	-1.3		50		
BRIGEW58	1/20/2010 16:35	0		-0.3	50		
BRIGEW58	2/3/2010 16:29	0		-2.6	42		
BRIGEW58	2/22/2010 8:09	0		-2	38		
BRIGEW58	3/5/2010 11:06	0		-2.1	60		
BRIGEW58	3/18/2010 14:48	0		-0.8	80		
BRIGEW58	4/13/2010 8:49	0	-2.19		71.2		
BRIGEW58	4/13/2010 8:50	0	-2.17		71.7		
BRIGEW58	4/28/2010 8:23	16.98	-0.63		59.1		
BRIGEW58	4/28/2010 8:26	0.14	-0.89		63.8	<1	day until compliant oxygen concentration achieved
BRIGEW58	5/11/2010 9:15	0	-1.06		96.2		
BRIGEW58	5/11/2010 9:17	0	-0.98		95.2		
BRIGEW58	5/25/2010 8:23	0	-1.75		83.2		
BRIGEW58	5/25/2010 8:24	0	-1.66		82.5		
BRIGEW58	6/7/2010 15:45	15.79	-0.39		90.7		
BRIGEW58	6/7/2010 15:47	0.08	-0.83		88.6	<1	day until compliant oxygen concentration achieved
BRIGEW58	6/23/2010 10:55	0.09	-2.04		124.3		
BRIGEW58	6/23/2010 10:56	0.12	-1.79		121		
BRIGEW63	1/12/2010 10:37	0	-0.7		48		
BRIGEW63	1/20/2010 15:53	0		0.2	50		
BRIGEW63	1/20/2010 15:56	0		-0.9	90	<1	day until compliant vacuum achieved
BRIGEW63	2/3/2010 15:54	1.7		-3.2	128		
BRIGEW63	2/19/2010 9:16	0.5		-2.2	120		
BRIGEW63	2/19/2010 9:17	0.2		-1.8	120		
BRIGEW63	3/5/2010 10:32	0		-2.4	110		
BRIGEW63	3/5/2010 10:34	0		-2.4	110		
BRIGEW63	3/18/2010 14:16	0.1		-3.2	130		
BRIGEW63	4/13/2010 8:35	1.41	-4.57		132.7		
BRIGEW63	4/13/2010 8:37	1.5	-4.14		129.3	<1	day until compliant temperature achieved
BRIGEW63	4/28/2010 7:45	2.57	-3.21		122.6		

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIGEW63	4/28/2010 7:48	2.68	-2.92		119.9		
BRIGEW63	5/11/2010 8:31	0.45	-1.62		107.9		
BRIGEW63	5/11/2010 8:40	0.03	-1.69		107		
BRIGEW63	5/25/2010 7:44	1.95	-1.53		100.4		
BRIGEW63	5/25/2010 7:47	1.88	-1.56		100.6		
BRIGEW63	6/7/2010 15:09	0.1	-1.76		113.4		
BRIGEW63	6/23/2010 10:11	3.94	-2.19		103		
BRIGEW64	1/12/2010 13:28	0.8	-7.4		112		
BRIGEW64	1/21/2010 9:16	0.7		-8.2	112		
BRIGEW64	2/3/2010 17:11	0.4		-9.4	112		
BRIGEW64	2/22/2010 8:51	0.1		-8.3	115		
BRIGEW64	3/5/2010 11:48	0.1		-9.6	115		
BRIGEW64	3/18/2010 15:18	0.2		-7.8	115		
BRIGEW64	4/13/2010 10:31	0.77	-8.89		115.5		
BRIGEW64	4/28/2010 9:11	0.15	-8.51		115.2		
BRIGEW64	5/11/2010 9:46	0.1	-7.6		116		
BRIGEW64	5/25/2010 9:13	0.02	-8.25		115.7		
BRIGEW64	6/8/2010 13:52	0	-3.27		113.8		
BRIGEW64	6/23/2010 13:20	0.27	-9.62		116.8		
BRIGEW66	1/12/2010 13:18	1.3	-1.3		40		
BRIGEW66	1/21/2010 9:01	0.1		-1.8	72		
BRIGEW66	1/21/2010 9:04	0.2		-1.7	68		
BRIGEW66	2/3/2010 16:58	5.3		-2.7	35		
BRIGEW66	2/3/2010 17:00	1.8		-3.1	48	<1	day until compliant oxygen concentration achieved
BRIGEW66	2/22/2010 8:34	0		-3.8	98		
BRIGEW66	3/5/2010 11:39	0.2		-3.4	102		
BRIGEW66	3/18/2010 15:07	0.1		-2.8	102		
BRIGEW66	4/13/2010 10:16	0.18	-3.76		107.2		
BRIGEW66	4/13/2010 10:18	0.17	-3.68		105.8		
BRIGEW66	4/28/2010 8:56	0.2	-1.63		103.2		
BRIGEW66	4/28/2010 8:58	0.09	-1.47		100.3		
BRIGEW66	5/11/2010 9:37	0	-0.41		85.9		
BRIGEW66	5/25/2010 9:01	0.08	-0.89		86.3		
BRIGEW66	6/8/2010 13:36	0	2.85		83		
BRIGEW66	6/8/2010 13:38	0	-0.05		119.9	<1	day until compliant vacuum achieved

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIGEW66	6/23/2010 11:26	0.51	-5.24		123.4		
BRIGEW66	6/23/2010 11:29	0.37	-4.12		121.8		
BRIGEW67	1/12/2010 10:42	0	-1.6		125		
BRIGEW67	1/20/2010 16:00	0		-0.1	105		
BRIGEW67	2/3/2010 15:57	0		-1.9	98		
BRIGEW67	2/19/2010 9:21	0		-1.4	85		
BRIGEW67	2/19/2010 9:22	0		-1.3	78		
BRIGEW67	3/5/2010 10:43	1.3		-2.2	68		
BRIGEW67	3/5/2010 10:45	0		-2.4	60		
BRIGEW67	3/18/2010 14:19	0		-1.3	70		
BRIGEW67	3/19/2010 10:28	0		-2.8	65		
BRIGEW67	3/19/2010 10:30	0		-2.7	65		
BRIGEW67	4/13/2010 9:26	20.69	-2.2		89.9		
BRIGEW67	4/13/2010 9:28	20.09	-2.19		93.2		
BRIGEW67	4/28/2010 7:53	1.06	-0.11		63	15	days until compliant oxygen concentration achieved
BRIGEW67	5/11/2010 8:45	0	1.59		79.1		
BRIGEW67	5/11/2010 8:47	0	-0.01		120.5	<1	day until compliant vacuum achieved
BRIGEW67	5/25/2010 7:52	0.41	-0.7		145.5		
BRIGEW67	5/25/2010 7:54	0.45	-0.42		141.8		
BRIGEW67	6/7/2010 15:13	0.14	1.1		94.6	13	days until compliant temperature achieved
BRIGEW67	6/7/2010 15:17	0	-0.02		117.5	<1	day until compliant vacuum achieved
BRIGEW67	6/23/2010 10:17	0.17	-2.23		148.5		
BRIGEW67	6/23/2010 10:22	5.49	-1.56		133.3	<1	day until compliant temperature achieved
BRIGEW67	6/23/2010 10:26	1.52	-1.55		129.9	<1	day until compliant oxygen concentration achieved
BRIGEW68	1/12/2010 13:32	0	-6.6		110		
BRIGEW68	1/21/2010 9:19	0		-7.4	110		
BRIGEW68	2/3/2010 17:14	0		-5.3	80		
BRIGEW68	2/22/2010 8:55	0		-4.4	70		
BRIGEW68	2/22/2010 8:57	0		-5.4	82		
BRIGEW68	3/5/2010 11:51	0		-6.8	105		
BRIGEW68	3/18/2010 15:20	0		-5.1	105		
BRIGEW68	4/13/2010 10:35	0	-6.23		104.8		
BRIGEW68	4/13/2010 10:37	0	-5.93		103.4		
BRIGEW68	4/28/2010 9:15	0	-5.15		99.2		
BRIGEW68	4/28/2010 9:17	0	-4.71		96.9		

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIGEW68	5/11/2010 9:49	0	-3.44		97.4		
BRIGEW68	5/25/2010 9:16	0.06	-4.06		97.7		
BRIGEW68	6/8/2010 13:55	0	0.59		97.9		
BRIGEW68	6/8/2010 13:57	0	-0.01		102.3	<1	day until compliant vacuum achieved
BRIGEW68	6/23/2010 13:23	0.22	-6.19		109.1		
BRIGEW68	6/23/2010 13:25	0.16	-6.53		110.4		
BRIGEW71	1/12/2010 10:45	6.3	-2.2		45		
BRIGEW71	1/12/2010 10:48	1.5	-3.3		82	<1	day until compliant oxygen concentration achieved
BRIGEW71	1/20/2010 16:06	2.5		-3.2	118		
BRIGEW71	1/20/2010 16:08	2.2		-2.8	115		
BRIGEW71	2/3/2010 16:01	6.5		-3	92		
BRIGEW71	2/3/2010 16:03	17.6		-2.6	72		
BRIGEW71	2/3/2010 16:06	2.1		-3.9	102	<1	day until compliant oxygen concentration achieved
BRIGEW71	2/19/2010 9:28	2.1		-3.6	105		
BRIGEW71	3/5/2010 10:48	2.4		-4.8	102		
BRIGEW71	3/5/2010 10:50	2.7		-4.7	102		
BRIGEW71	3/18/2010 14:22	3.3		-3.2	88		
BRIGEW71	3/18/2010 14:24	1.9		-3.7	92		
BRIGEW71	4/13/2010 9:35	9.94	-4.09		99.7		
BRIGEW71	4/13/2010 9:37	14.93	-3.89		94.2		
BRIGEW71	4/28/2010 7:59	3.21	-1.49		84.7	15	days until compliant oxygen concentration achieved
BRIGEW71	4/28/2010 8:01	3.25	-1.32		81.2		
BRIGEW71	5/11/2010 8:51	0	0.39		80.1		
BRIGEW71	5/11/2010 8:53	0	-0.08		84.5	<1	day until compliant vacuum achieved
BRIGEW71	5/25/2010 7:58	1.04	-1.23		103.9		
BRIGEW71	6/7/2010 15:20	0	-0.3		107.4		
BRIGEW71	6/23/2010 10:31	10.42	-2.54		98.5		
BRIGEW71	6/23/2010 10:33	3.49	-3.01		101.3	<1	day until compliant oxygen concentration achieved
BRIGEW74	1/12/2010 13:50	0	-16.6		115		
BRIGEW74	1/21/2010 9:46	0		-19.4	120		
BRIGEW74	1/21/2010 9:48	0		-18.3	120		
BRIGEW74	2/4/2010 8:04	0		-19.7	118		
BRIGEW74	2/4/2010 8:05	0		-18.9	118		
BRIGEW74	2/22/2010 9:23	0		-18.8	120		
BRIGEW74	3/5/2010 12:09	0		-19.6	118		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (Inches H <sub>2</sub> O)	Adjusted Static Pressure (Inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIGEW74	3/18/2010 15:40	0		-18.6	120		
BRIGEW74	4/13/2010 11:15	0	-19.59		120.4		
BRIGEW74	4/13/2010 11:17	0	-18.86		120.4		
BRIGEW74	4/28/2010 9:53	0.14	-17.23		120.2		
BRIGEW74	4/28/2010 9:55	0.12	-15.85		120.3		
BRIGEW74	5/11/2010 10:14	0.06	-14.6		121		
BRIGEW74	5/25/2010 9:40	0	-14.09		120.7		
BRIGEW74	6/8/2010 14:22	0	-10.31		119.9		
BRIGEW74	6/23/2010 13:47	0.16	-16.58		120.9		
BRIGEW75	1/12/2010 13:47	0	-2.9		82		
BRIGEW75	1/21/2010 9:41	0		-3.4	85		
BRIGEW75	1/21/2010 9:43	0		-3.4	82		
BRIGEW75	2/4/2010 7:58	0		-4	82		
BRIGEW75	2/4/2010 8:01	0		-4	82		
BRIGEW75	2/22/2010 9:20	0		-6.4	80		
BRIGEW75	3/5/2010 12:06	0		-5.5	88		
BRIGEW75	3/18/2010 15:36	0		-4.8	90		
BRIGEW75	4/13/2010 11:11	0	-5.5		94.6		
BRIGEW75	4/28/2010 9:45	0	-3.09		91.5		
BRIGEW75	5/11/2010 10:11	0	-1.67		96.1		
BRIGEW75	5/25/2010 9:35	0.05	-1.72		98.1		
BRIGEW75	6/8/2010 14:17	0	1.91		91.3		
BRIGEW75	6/8/2010 14:19	0	-0.02		122.4	<1	day until compliant vacuum achieved
BRIGEW75	6/23/2010 13:44	0.13	-4.5		125.4		
BRIGEW77	1/12/2010 13:56	0	-1.6		72		
BRIGEW77	1/21/2010 9:54	0		-1.9	72		
BRIGEW77	1/21/2010 9:56	0		-1.6	72		
BRIGEW77	2/4/2010 8:11	5.9		-2.2	28		
BRIGEW77	2/4/2010 8:13	0		-2.8	32	<1	day until compliant oxygen concentration achieved
BRIGEW77	2/22/2010 9:33	0		-3.8	80		
BRIGEW77	3/5/2010 12:14	0		-3.4	88		
BRIGEW77	3/18/2010 15:46	0		-2.6	88		
BRIGEW77	4/13/2010 11:26	0	-3.6		96.9		
BRIGEW77	4/13/2010 11:28	0	-3.49		96.2		
BRIGEW77	4/28/2010 10:04	0	-2.43		85.9		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

## Bridgeton Landfill Wellfield Data

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIGEW77	4/28/2010 10:06	0	-2.24		85.1		
BRIGEW77	5/11/2010 10:21	0.01	-1.01		80.4		
BRIGEW77	5/25/2010 9:53	0.61	-1.04		93.3		
BRIGEW77	6/8/2010 14:30	0	2.86		74		
BRIGEW77	6/8/2010 14:31	0	-0.03		109.2	<1	day until compliant vacuum achieved
BRIGEW77	6/23/2010 13:56	0.08	-5.5		129.9		
BRIGEW77	6/23/2010 13:57	0.2	-4.05		126.9		
BRIGEW80	1/12/2010 14:03	0	-3.4		102		
BRIGEW80	1/21/2010 10:02	0		-4.2	108		
BRIGEW80	2/4/2010 8:21	0		-5.2	100		
BRIGEW80	2/22/2010 9:43	0		-6.8	108		
BRIGEW80	3/5/2010 12:21	0		-5.8	110		
BRIGEW80	3/5/2010 12:22	0		-6	110		
BRIGEW80	3/18/2010 15:53	0		-5.8	110		
BRIGEW80	4/13/2010 11:43	0	-6.53		112.5		
BRIGEW80	4/13/2010 11:45	0	-6.27		112.6		
BRIGEW80	4/28/2010 10:16	0	-4.5		111.3		
BRIGEW80	4/28/2010 10:18	0	-4.34		110.5		
BRIGEW80	5/11/2010 10:26	0	-2.68		111.1		
BRIGEW80	5/25/2010 10:02	0	-2.59		111.3		
BRIGEW80	6/8/2010 14:47	0	1.89		110.9		
BRIGEW80	6/8/2010 14:49	0	-0.03		111.8	<1	day until compliant vacuum achieved
BRIGEW80	6/23/2010 14:06	0	-3.99		113.5		
BRIGEW81	1/12/2010 14:07	21.4	-2.8		42		
BRIGEW81	1/12/2010 14:37	23	-2.5		42		
BRIGEW81	1/21/2010 10:13	15.9		-2.5	40		
BRIGEW81	1/21/2010 10:16	17.9		-2.5	40		
BRIGEW81	2/4/2010 8:25	10.2		-2.8	31		
BRIGEW81	2/4/2010 8:26	10.3		-2.7	31		
BRIGEW81	2/19/2010 9:35	3.7		-2.2	40	38	days until compliant oxygen concentration achieved
BRIGEW81	3/5/2010 7:57	0		-6.9	125		
BRIGEW81	3/5/2010 7:59	0		-5.8	120		
BRIGEW81	3/18/2010 15:56	0.1		-3.4	102		
BRIGEW81	3/18/2010 15:58	0		-4.2	118		
BRIGEW81	4/13/2010 11:49	0	-4.47		120.2		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIGEW81	4/13/2010 11:51	0	-4.22		119.1		
BRIGEW81	4/28/2010 10:23	0	-1.8		88.1		
BRIGEW81	5/11/2010 10:36	0	-1.18		85.5		
BRIGEW81	5/25/2010 10:06	0	-0.76		97.9		
BRIGEW81	6/8/2010 14:52	0	2.15		98.7		
BRIGEW81	6/8/2010 14:53	0	-0.04		118.6	<1	day until compliant vacuum achieved
BRIGEW81	6/23/2010 14:09	0.02	-3.64		123.4		
BRIGEW83	1/12/2010 13:22	0.2	-1		48		
BRIGEW83	1/21/2010 9:07	0.1		-1.5	40		
BRIGEW83	2/3/2010 17:03	0.1		-2.2	38		
BRIGEW83	2/3/2010 17:05	0		-2.3	60		
BRIGEW83	2/22/2010 8:38	0		-3.4	72		
BRIGEW83	2/22/2010 8:40	0		-3.6	75		
BRIGEW83	3/5/2010 11:42	0		-2.8	78		
BRIGEW83	3/5/2010 11:44	0		-3	78		
BRIGEW83	3/18/2010 15:10	0		-2.8	82		
BRIGEW83	3/18/2010 15:11	0		-3.1	82		
BRIGEW83	4/13/2010 10:21	0	-3.55		91.8		
BRIGEW83	4/13/2010 10:23	0	-3.23		91.3		
BRIGEW83	4/28/2010 9:01	0.25	-1.51		87.4		
BRIGEW83	4/28/2010 9:04	0.27	-1.37		86		
BRIGEW83	5/11/2010 9:40	0.18	-0.79		89.7		
BRIGEW83	5/25/2010 9:04	0.25	-0.91		86.3		
BRIGEW83	5/25/2010 9:06	0.24	-0.84		85.4		
BRIGEW83	6/8/2010 13:41	0	1.51		78.9		
BRIGEW83	6/8/2010 13:43	0	-0.03		93.2	<1	day until compliant vacuum achieved
BRIGEW83	6/23/2010 13:11	0.65	-2.07		95.8		
BRIGEW83	6/23/2010 13:12	0.7	-1.71		95.4		
BRIGEW84	1/12/2010 10:52	0	-2.4		70		
BRIGEW84	1/20/2010 16:14	0		-2.2	70		
BRIGEW84	1/20/2010 16:15	0		-1.9	68		
BRIGEW84	2/3/2010 16:09	1.3		-2.5	40		
BRIGEW84	2/3/2010 16:11	0		-3	46		
BRIGEW84	2/22/2010 7:59	0		-4.7	55		
BRIGEW84	3/5/2010 10:54	0		-4.3	80		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

## Bridgeton Landfill Wellfield Data

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (Inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIGEW84	3/18/2010 14:27	0		-3.6	85		
BRIGEW84	4/13/2010 9:42	0	-4.43		97.7		
BRIGEW84	4/13/2010 9:44	0	-4.14		97.3		
BRIGEW84	4/28/2010 8:06	0	-1.69		75.3		
BRIGEW84	5/11/2010 8:57	0	-0.46		87.2		
BRIGEW84	5/11/2010 8:59	0	-0.65		89.9		
BRIGEW84	5/25/2010 8:02	0	-1.49		97.1		
BRIGEW84	5/25/2010 8:04	0	-1.59		98.1		
BRIGEW84	6/7/2010 15:24	0	-0.73		101.5		
BRIGEW84	6/7/2010 15:26	0	-0.91		102.6		
BRIGEW84	6/23/2010 10:37	0.03	-3.66		105.4		
BRIGEW85	1/12/2010 10:56	4.9	-1.1		35		
BRIGEW85	1/12/2010 10:59	3.3	-1.5		90		
BRIGEW85	1/20/2010 16:23	3.5		-1.6	105		
BRIGEW85	1/20/2010 16:25	3.6		-1.4	100		
BRIGEW85	2/3/2010 16:15	7.9		-2.2	82		
BRIGEW85	2/3/2010 16:21	6.6		-2.6	92		
BRIGEW85	2/17/2010 16:55	4.3		-2.2	98	14	days until compliant oxygen concentration achieved
BRIGEW85	3/5/2010 10:58	3.9		-3	95		
BRIGEW85	3/5/2010 11:00	3.8		-3.1	95		
BRIGEW85	3/18/2010 14:30	3.9		-2.9	100		
BRIGEW85	3/18/2010 14:32	3.9		-3.4	100		
BRIGEW85	4/13/2010 9:19	7.72	-3.97		101.9		
BRIGEW85	4/13/2010 9:22	9.78	-3.16		99.9		
BRIGEW85	4/28/2010 8:10	7	-1.03		101.1		
BRIGEW85	4/28/2010 8:12	7.39	-0.96		100.2		
BRIGEW85	5/11/2010 9:05	0.18	-0.23		123.4	28	days until compliant oxygen concentration achieved
BRIGEW85	5/11/2010 9:07	0.21	-0.17		117.6		
BRIGEW85	5/25/2010 8:08	5.59	-0.62		94.2		
BRIGEW85	5/25/2010 8:09	5.63	-0.61		93.2		
BRIGEW85	6/7/2010 15:31	2.1	0.16		92.5	13	days until compliant oxygen concentration achieved
BRIGEW85	6/7/2010 15:34	0.42	-0.01		107	<1	day until compliant vacuum achieved
BRIGEW85	6/23/2010 10:40	6.19	-2.06		102.6		
BRIGEW85	6/23/2010 10:42	6.6	-1.92		101.7		well noncompliant with oxygen concentration at the end of the 1st half 2010

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (Inches H <sub>2</sub> O)	Adjusted Static Pressure (Inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BrigIT-1	1/21/2010 12:21	7.9		-1.9	65		
BrigIT-1	2/22/2010 14:05	5.9		-2.8	60		
BrigIT-1	3/19/2010 8:25	6.8		-2	62		
BrigIT-1	4/29/2010 11:12	10.17	-2.05		77		
BrigIT-1	5/25/2010 14:02	9.03	-2.63		85		
BrigIT-1	6/24/2010 10:48	12.03	-2.23		88		
BrigIT-1	6/24/2010 10:50	12.92	-1.69		88		
BrigIT-2	1/21/2010 12:25	2.4		-1.5	65		
BrigIT-2	1/21/2010 12:27	4.6		-1.8	65		
BrigIT-2	2/22/2010 14:11	2.7		-2.4	60		
BrigIT-2	2/22/2010 14:13	3.4		-2.7	60		
BrigIT-2	3/19/2010 8:31	18.8		-1.4	60		
BrigIT-2	4/29/2010 11:15	5.07	-1.76		74		
BrigIT-2	5/25/2010 14:06	6.19	-2.93		88		
BrigIT-2	6/24/2010 10:53	8.34	-6.53		90		
BrigIT-3	1/21/2010 12:40	12.8		-1.9	40		
BrigIT-3	2/22/2010 14:26	16.6		-3.2	45		
BrigIT-3	3/19/2010 8:41	13.8		-1.4	55		
BrigIT-3	4/29/2010 11:19	14.93	-1.64		78		
BrigIT-3	5/25/2010 14:09	17.32	-2.26		87		
BrigIT-3	6/24/2010 11:07	7.73	-1.31		90		
BrigIT-4	1/21/2010 12:51	18.2		-1.9	42		
BrigIT-4	2/22/2010 14:38	19.5		-3.2	48		
BrigIT-4	3/19/2010 8:49	18.4		-1.4	50		
BrigIT-4	4/29/2010 11:21	21.35	-1.61		84		
BrigIT-4	5/25/2010 14:13	19.9	-2.24		98		
BrigIT-4	6/24/2010 11:21	20.68	-1.31		105		
BrigIT-5	1/21/2010 13:00	3.4		-2	40		
BrigIT-5	2/22/2010 14:53	1.9		-3.2	48		
BrigIT-5	3/19/2010 8:54	1.3		-1.4	60		
BrigIT-5	4/29/2010 11:25	1.91	-1.65		91		
BrigIT-5	4/29/2010 11:27	1.69	-1.77		80		
BrigIT-5	5/25/2010 14:16	2.51	-2.25		92		
BrigIT-5	6/24/2010 11:24	1.28	-1.3		95		
BrigIT-6	1/21/2010 13:08	14.2		-2	40		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (Inches H <sub>2</sub> O)	Adjusted Static Pressure (Inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BrigIT-6	2/22/2010 15:07	14.2		-3.4	40		
BrigIT-6	3/19/2010 9:00	14.5		-1.4	52		
BrigIT-6	4/29/2010 11:30	19.87	-1.79		82		
BrigIT-6	5/25/2010 14:20	17.85	-2.21		108		
BrigIT-6	6/24/2010 11:36	9.97	-1.29		92		
BrigT-56	1/12/2010 15:19	2.3	-0.2		40		
BrigT-56	2/4/2010 10:31	0		-0.2	38		
BrigT-56	3/5/2010 12:50	0		-0.2	40		
BrigT-56	4/12/2010 8:51	0.03	-0.17		65		
BrigT-56	5/11/2010 11:28	0.17	-0.29		65		
BrigT-56	5/11/2010 11:31	0.13	-0.39		68		
BrigT-56	6/7/2010 16:37	0.31	-0.35		72		
BRIPEW01	1/21/2010 12:09	11		-19.4	42		
BRIPEW01	2/22/2010 13:49	9.1		-12.2	42		
BRIPEW01	3/19/2010 8:15	4.9		-9.5	48		
BRIPEW01	4/29/2010 10:25	6.66	-8.93		73.1		
BRIPEW01	5/25/2010 13:09	5.15	-9.36		89.5		
BRIPEW01	5/25/2010 13:11	4.81	-15.89		88.4		
BRIPEW01	6/24/2010 10:37	3.28	-17.78		84.9		
BRIPEW02	1/21/2010 12:11	18.3		-1.8	38		
BRIPEW02	2/22/2010 13:56	16.9		-1.8	38		
BRIPEW02	3/19/2010 8:17	18.6		-0.3	45		
BRIPEW02	4/29/2010 10:29	14.76	-0.65		77.7		
BRIPEW02	5/25/2010 13:14	18.85	-0.01		99.6		
BRIPEW02	6/24/2010 10:40	20.39	-0.03		90.7		
BRIPEW03	1/21/2010 12:14	17.6		-7.6	38		
BRIPEW03	2/22/2010 13:59	16.1		-5.8	38		
BRIPEW03	3/19/2010 8:20	15.9		-6.1	48		
BRIPEW03	4/29/2010 10:32	2.35	-26.12		75.5		
BRIPEW03	5/25/2010 13:17	5.27	-20.36		98.1		
BRIPEW03	6/24/2010 10:42	11.53	-37.8		89.4		
BRIPEW04	1/21/2010 12:18	18.6		-20	38		
BRIPEW04	2/22/2010 14:02	18.9		-9.7	38		
BRIPEW04	3/19/2010 8:23	18.4		-9.5	45		
BRIPEW04	4/29/2010 10:36	2.31	-30.28		77.5		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIPEW04	5/25/2010 13:31	5.13	-22.85		97.9		
BRIPEW04	6/24/2010 10:45	8.17	-27.53		92.3		
BRIPEW05	1/21/2010 12:31	0.3		-34.5	40		
BRIPEW05	2/22/2010 14:15	2.9		-34.9	45		
BRIPEW05	3/19/2010 8:29	0.7		-40.4	52		
BRIPEW05	4/29/2010 10:40	8.82	-41.92		78.4		
BRIPEW05	5/25/2010 13:34	0.81	-3		98.6		
BRIPEW05	5/25/2010 13:36	0.58	-44.42		97.3		
BRIPEW05	6/24/2010 10:56	8.46	-49.66		94		
BRIPEW06	1/21/2010 12:34	0.5		-7.8	62		
BRIPEW06	2/22/2010 14:21	0.4		-15.6	62		
BRIPEW06	3/19/2010 8:34	0.8		-16.6	70		
BRIPEW06	3/19/2010 8:36	2.2		-20.6	70		
BRIPEW06	4/29/2010 10:44	2.03	-18.17		79.8		
BRIPEW06	5/25/2010 13:39	1.8	-21.05		84.1		
BRIPEW06	6/24/2010 10:59	1.97	-20.62		84.9		
BRIPEW06	6/24/2010 11:01	2.43	-23.37		84.7		
BRIPEW07	1/21/2010 12:37	5.1		-6.6	38		
BRIPEW07	2/22/2010 14:24	6.1		-7.3	40		
BRIPEW07	3/19/2010 8:39	5		-7	52		
BRIPEW07	4/29/2010 10:47	3.12	-7		78.6		
BRIPEW07	5/25/2010 13:42	3.54	-6.06		96.2		
BRIPEW07	6/24/2010 11:04	2.69	-8.03		91.3		
BRIPEW08	1/21/2010 12:44	19		-12.9	38		
BRIPEW08	2/22/2010 14:29	3.4		0	40		
BRIPEW08	2/22/2010 14:31	4.2		-7.5	38	<1	day until compliant vacuum achieved
BRIPEW08	3/19/2010 8:44	18.9		-12.4	52		
BRIPEW08	4/29/2010 10:50	21.32	-8.63		81.7		
BRIPEW08	5/25/2010 13:45	18.84	-5.37		99.2		
BRIPEW08	6/24/2010 11:13	20.33	-5.15		96.1		
BRIPEW09	1/21/2010 12:48	0.3		-10.3	40		
BRIPEW09	2/22/2010 14:35	18.9		-26.1	10		
BRIPEW09	3/19/2010 8:47	1		-7.9	55		
BRIPEW09	4/29/2010 10:54	0.97	-9.97		80.2		
BRIPEW09	5/25/2010 13:48	6.43	-11.47		94.4		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

## Bridgeton Landfill Wellfield Data

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIPEW09	6/24/2010 11:16	6.81	-11.68		93.4		
BRIPEW10	1/21/2010 12:55	0		17.6	40		
BRIPEW10	1/21/2010 12:57	0		-34.2	45	<1	day until compliant vacuum achieved
BRIPEW10	2/22/2010 14:49	2.2		-41.1	45		
BRIPEW10	3/19/2010 8:52	0.7		-43.3	52		
BRIPEW10	4/29/2010 10:57	0.49	-45.02		79.7		
BRIPEW10	5/25/2010 13:51	3.35	-43.43		95		
BRIPEW10	6/24/2010 11:27	2.33	-48.45		93.4		
BRIPEW11	1/21/2010 13:03	0.6		-2.3	38		
BRIPEW11	2/22/2010 14:58	4.5		-0.7	38		
BRIPEW11	3/19/2010 8:56	0		-0.4	60		
BRIPEW11	4/29/2010 11:00	18.16	-6.53		82.9		
BRIPEW11	5/25/2010 13:54	15.71	-1.18		103.8		
BRIPEW11	6/24/2010 11:30	2.31	-0.67		97.7		
BRIPEW12	1/21/2010 13:06	18.7		-1.2	38		
BRIPEW12	2/22/2010 15:03	18.5		-0.7	38		
BRIPEW12	3/19/2010 8:58	17.2		-0.6	60		
BRIPEW12	4/29/2010 11:05	8.82	-0.69		80.5		
BRIPEW12	5/25/2010 13:57	14.84	-0.16		98.5		
BRIPEW12	6/24/2010 11:34	12.8	-0.99		96.7		
BRIPEW13	1/21/2010 13:18	2.4		-21.1	40		
BRIPEW13	2/22/2010 15:14	4.4		-18	40		
BRIPEW13	3/19/2010 9:03	0.9		-20.5	52		
BRIPEW13	4/29/2010 11:35	17.45	-1.33		82.4		
BRIPEW13	5/25/2010 14:35	19.41	-0.05		97.5		
BRIPEW13	6/24/2010 11:39	14.54	-0.02		92.9		
BRIPEW14	1/21/2010 13:21	0		-9	55		
BRIPEW14	2/22/2010 15:20	0		-9.5	62		
BRIPEW14	2/22/2010 15:23	0		-11.4	65		
BRIPEW14	3/19/2010 9:06	0.4		-12.7	72		
BRIPEW14	3/19/2010 9:07	0.5		-17.7	72		
BRIPEW14	4/29/2010 11:38	0.19	-16.54		83.6		
BRIPEW14	4/29/2010 11:40	0.06	-19.5		83.8		
BRIPEW14	5/25/2010 14:38	1.12	-19.29		92.3		
BRIPEW14	5/25/2010 14:39	1	-22.08		92.2		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIPEW14	6/24/2010 11:42	2.38	-21.65		90.3		
BRIPEW14	6/24/2010 11:44	2.29	-25.09		90.7		
BRIPEW15	1/21/2010 13:27	7		-4	38		
BRIPEW15	2/22/2010 15:27	18.9		-4.1	38		
BRIPEW15	3/19/2010 9:09	17.4		-3.5	52		
BRIPEW15	4/29/2010 11:43	16.09	-1.96		85.5		
BRIPEW15	5/25/2010 14:52	11.65	-3.2		102.1		
BRIPEW15	6/24/2010 11:47	12.29	-3.35		90.2		
BRIPEW16	1/21/2010 13:30	2.4		-10.2	55		
BRIPEW16	2/22/2010 15:33	4.6		-16.2	52		
BRIPEW16	3/19/2010 9:13	6.4		-15.4	60		
BRIPEW16	4/29/2010 11:46	11.12	-13.75		77.1		
BRIPEW16	5/25/2010 14:57	13.56	-11.51		85.7		
BRIPEW16	6/24/2010 11:50	14.32	-16.15		86.6		
BRIPEW16	6/24/2010 11:52	15.15	-8.72		87		
BRIPEW17	1/21/2010 13:33	4		-1.1	42		
BRIPEW17	2/22/2010 15:36	10.7		-1.4	42		
BRIPEW17	3/19/2010 9:16	19.1		-0.3	58		
BRIPEW17	4/29/2010 11:49	0.31	-2.26		74.8		
BRIPEW17	4/29/2010 11:51	0.23	-7.35		74.3		
BRIPEW17	5/25/2010 15:00	2.33	-6.62		84.6		
BRIPEW17	5/25/2010 15:02	2.22	-9.75		84		
BRIPEW17	6/24/2010 11:57	4.49	-10.35		86.1		
BRIPEW18	1/21/2010 13:36	11.5		-7	38		
BRIPEW18	2/22/2010 15:39	14		-7.4	38		
BRIPEW18	3/19/2010 9:18	16.5		-7.1	52		
BRIPEW18	4/29/2010 11:54	9.41	-7.6		81.1		
BRIPEW18	5/25/2010 15:15	11.06	-4.95		97.1		
BRIPEW18	6/24/2010 12:01	12.86	-5.84		89.9		
BRIPEW19	1/21/2010 13:39	18		-1.2	35		
BRIPEW19	2/22/2010 15:43	19		-0.7	38		
BRIPEW19	3/19/2010 9:20	18.8		-0.4	52		
BRIPEW19	4/29/2010 11:57	21.2	-0.13		83.1		
BRIPEW19	5/25/2010 15:18	19.23	-0.14		100.4		
BRIPEW19	6/24/2010 12:04	21.12	-0.09		88.8		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (Inches H <sub>2</sub> O)	Adjusted Static Pressure (Inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIPEW20	1/21/2010 13:43	0		8.9	38		
BRIPEW20	1/21/2010 13:45	0		-3.6	45	<1	day until compliant vacuum achieved
BRIPEW20	2/22/2010 15:50	2.1		-16.5	48		
BRIPEW20	3/19/2010 9:23	1.3		-12.7	58		
BRIPEW20	4/29/2010 12:02	0	30.2		79.5		
BRIPEW20	4/29/2010 12:04	0	-8.59		76	<1	day until compliant vacuum achieved
BRIPEW20	5/25/2010 15:20	2.09	-42.7		91.9		
BRIPEW20	6/24/2010 12:07	2.73	-32.99		83.5		
BRIPEW21	1/21/2010 13:52	11.2		-6.6	40		
BRIPEW21	2/22/2010 15:55	1		-24.1	35		
BRIPEW21	3/19/2010 9:25	1.5		-17.1	55		
BRIPEW21	4/29/2010 12:08	0	-17.23		81.3		
BRIPEW21	5/25/2010 15:32	0.54	-16.58		97.5		
BRIPEW21	6/24/2010 12:10	2.54	-15.12		88.2		
BRIPEW22	1/21/2010 14:06	0.6		-11.2	42		
BRIPEW22	2/22/2010 15:56	2.3		-12.8	30		
BRIPEW22	3/19/2010 9:27	2.1		-10.2	55		
BRIPEW22	4/29/2010 12:11	3.59	-12.03		78.7		
BRIPEW22	5/25/2010 15:35	2.81	-12.8		92.7		
BRIPEW22	6/24/2010 12:13	3.15	-13.45		88.7		
BRIPEW23	1/21/2010 14:09	12.7		-5.5	40		
BRIPEW23	2/22/2010 15:52	14.4		-4	28		
BRIPEW23	3/19/2010 9:32	0.5		-19.1	52		
BRIPEW23	4/29/2010 12:14	0.06	-24.05		79.5		
BRIPEW23	5/25/2010 15:38	0.38	-25.52		96.3		
BRIPEW23	6/24/2010 12:17	2.3	-26.46		88.4		
BRIPEW24	1/21/2010 14:12	16.7		-8.6	38		
BRIPEW24	2/22/2010 15:48	16.6		-8.2	20		
BRIPEW24	3/19/2010 9:35	12.3		-17.4	50		
BRIPEW24	4/29/2010 12:17	2.27	-29.94		79.8		
BRIPEW24	5/25/2010 15:41	1.78	-31.06		95.2		
BRIPEW24	6/24/2010 12:20	6.78	-34.71		88.6		
BRIPEW25	1/21/2010 14:15	11.1		-10.9	40		
BRIPEW25	2/22/2010 15:45	13.6		-13.5	22		
BRIPEW25	3/19/2010 9:38	6.3		-10.6	55		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIPEW25	4/29/2010 12:19	2	-17.18		82.8		
BRIPEW25	5/25/2010 15:43	1.89	-16.58		98.3		
BRIPEW25	6/24/2010 12:26	6.16	-14.65		91.3		
BRIPEW26	1/21/2010 14:18	12		-3.5	40		
BRIPEW26	2/22/2010 15:42	14.1		-3.2	22		
BRIPEW26	3/19/2010 9:40	12.4		-3.2	55		
BRIPEW26	4/29/2010 12:23	21.63	2.75		79.3		
BRIPEW26	4/29/2010 12:26	20.88	-18.9		76.4	<1	day until compliant vacuum achieved
BRIPEW26	5/25/2010 15:46	3.2	-20.58		85.9		
BRIPEW26	6/24/2010 12:28	8.52	-17.78		84.5		
BRIPEW27	1/21/2010 14:23	13.1		-8.2	38		
BRIPEW27	2/22/2010 15:36	3.7		-20	28		
BRIPEW27	2/22/2010 15:38	2.3		-15.9	28		
BRIPEW27	3/19/2010 9:43	2.3		-30.1	55		
BRIPEW27	4/29/2010 12:29	0.25	-36.13		77.3		
BRIPEW27	5/25/2010 15:49	0.91	-37.93		93.5		
BRIPEW27	6/24/2010 12:32	11.15	-40.51		88.1		
BRIPEW27	6/24/2010 12:33	6.58	-13.36		90.7		
BRIPEW28	1/21/2010 14:26	14.6		-1.2	35		
BRIPEW28	2/22/2010 15:30	17.3		-1.8	22		
BRIPEW28	3/19/2010 9:45	3.8		-4	58		
BRIPEW28	3/19/2010 9:47	3.1		-39.7	58		
BRIPEW28	4/29/2010 12:32	16.4	-24.74		79.3		
BRIPEW28	5/25/2010 15:52	13.96	-32.39		92.4		
BRIPEW28	6/24/2010 12:36	18.71	-16.11		86.1		
BRIPEW29	1/21/2010 14:30	0.1		-4.9	35		
BRIPEW29	2/22/2010 15:25	0		-4.2	25		
BRIPEW29	2/22/2010 15:27	0		-24.1	25		
BRIPEW29	3/19/2010 9:49	0.5		-22.2	52		
BRIPEW29	4/29/2010 12:36	0.14	-20.23		77.1		
BRIPEW29	5/25/2010 15:55	0.33	-19.29		90.1		
BRIPEW29	6/24/2010 12:39	0.78	-19.54		85.7		
BRIPEW30	1/21/2010 14:33	5.8		-12.7	42		
BRIPEW30	2/22/2010 15:22	0.1		-15.4	32		
BRIPEW30	3/19/2010 9:51	1.8		-14.2	52		

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIPEW30	4/29/2010 12:38	1.01	-13.45		77.1		
BRIPEW30	5/25/2010 15:57	2.17	-15.21		88.2		
BRIPEW30	6/24/2010 12:43	2.26	-13.02		84.7		
BRIPEW31	1/21/2010 14:37	13		-0.7	32		
BRIPEW31	2/22/2010 15:18	4		-14.7	25		
BRIPEW31	3/19/2010 9:54	2.5		-2.7	55		
BRIPEW31	3/19/2010 9:56	1.2		-33.9	55		
BRIPEW31	4/29/2010 12:44	4.15	-30.93		79.9		
BRIPEW31	5/25/2010 16:01	5.06	-35.52		93.3		
BRIPEW31	6/24/2010 12:46	4.75	-27.88		85.2		
BRIPEW32	1/21/2010 14:42	0.1		-18.2	35		
BRIPEW32	1/21/2010 14:43	0		-32.8	35		
BRIPEW32	2/22/2010 15:14	1.9		-30.2	25		
BRIPEW32	3/19/2010 9:58	0.4		-21.4	58		
BRIPEW32	4/29/2010 12:47	10.52	-12.07		81.7		
BRIPEW32	5/26/2010 9:23	1.95	-26.93		87.7		
BRIPEW32	6/24/2010 12:49	2.78	-25.73		84.9		
BRIPEW33	1/21/2010 14:46	0.9		-10	48		
BRIPEW33	2/22/2010 15:11	4.6		-17.6	30		
BRIPEW33	3/19/2010 10:02	4.3		-6.5	60		
BRIPEW33	4/29/2010 12:51	5.53	-6.96		78.8		
BRIPEW33	5/26/2010 9:26	8.33	-8.38		83.2		
BRIPEW33	6/24/2010 12:52	9.67	-5.2		88.6		
BRIPEW34	1/21/2010 14:49	10.3		-0.5	35		
BRIPEW34	2/22/2010 15:08	18.4		-0.9	22		
BRIPEW34	3/19/2010 10:04	6.5		-0.2	60		
BRIPEW34	4/29/2010 12:54	0.64	0.08		84		
BRIPEW34	4/29/2010 12:57	11.08	-0.53		83.5	<1	day until compliant vacuum achieved
BRIPEW34	5/26/2010 9:29	15.24	-1.83		87.6		
BRIPEW34	6/24/2010 12:56	13.49	-1.12		86.8		
BRIPEW35	1/21/2010 14:53	0		-4	40		
BRIPEW35	2/22/2010 15:04	2.8		-14.4	25		
BRIPEW35	3/19/2010 10:07	0.6		-5.1	58		
BRIPEW35	4/29/2010 13:00	0.01	-2.06		83		
BRIPEW35	5/26/2010 9:32	3.65	-3.46		90.9		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (Inches H <sub>2</sub> O)	Adjusted Static Pressure (Inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIPEW35	6/24/2010 13:02	0.62	-2.62		89.5		
BRIPEW36	1/21/2010 14:57	3.9		-12.2	40		
BRIPEW36	2/22/2010 15:00	7.7		-11.6	25		
BRIPEW36	3/19/2010 10:10	2.7		-11.2	60		
BRIPEW36	4/29/2010 13:03	7.72	-5.28		83.6		
BRIPEW36	5/26/2010 9:35	8.15	-6.31		90.1		
BRIPEW36	6/24/2010 13:05	6.38	-6.57		88.7		
BRIPEW37	1/21/2010 15:00	2.7		-24.8	38		
BRIPEW37	2/22/2010 14:57	9.3		-20.2	25		
BRIPEW37	3/19/2010 10:12	5.2		-19.5	60		
BRIPEW37	4/29/2010 13:06	3.25	-13.75		81.3		
BRIPEW37	5/26/2010 9:37	2.49	-21.86		89.5		
BRIPEW37	6/24/2010 13:09	2.9	-14.65		88		
BRIPEW38	1/21/2010 15:04	4.6		-6.2	52		
BRIPEW38	1/21/2010 15:05	3.8		-7.3	52		
BRIPEW38	2/22/2010 14:53	4.9		-6.9	45		
BRIPEW38	3/19/2010 10:15	1.1		-10.1	70		
BRIPEW38	3/19/2010 10:16	0.4		-11	70		
BRIPEW38	4/29/2010 13:09	0.07	-9.36		80		
BRIPEW38	4/29/2010 13:11	0.04	-10.65		80		
BRIPEW38	5/26/2010 9:40	0.17	-12.5		83		
BRIPEW38	5/26/2010 9:42	0.11	-13.87		83		
BRIPEW38	6/24/2010 13:12	0.39	-15.12		84		
BRIPEW38	6/24/2010 13:13	0.35	-16.8		84		
BRIPEW39	1/21/2010 15:10	1.5		-11.1	58		
BRIPEW39	1/21/2010 15:12	1.2		-12.9	58		
BRIPEW39	2/22/2010 14:49	2.5		-14.1	45		
BRIPEW39	3/19/2010 10:19	3.6		-11.4	62		
BRIPEW39	3/19/2010 10:20	3.7		-15	62		
BRIPEW39	4/29/2010 13:14	8.98	-14.48		79.5		
BRIPEW39	5/26/2010 9:44	4.61	-26.33		82.3		
BRIPEW39	6/24/2010 13:16	6.58	-25.39		85.6		
BRIPEW39	6/24/2010 13:18	8	-14.73		86		
BRIPEW40	1/21/2010 15:14	16.5		-1	38		
BRIPEW40	2/22/2010 14:46	17.9		-1.6	25		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIPEW40	3/19/2010 10:22	18.6		-0.5	65		
BRIPEW40	4/29/2010 13:17	17.89	-0.61		86.3		
BRIPEW40	5/26/2010 9:47	19.66	-1.13		92.9		
BRIPEW40	6/24/2010 13:21	20.59	-1.04		90.5		
BRIPEW41	1/21/2010 15:18	14.7		-2.5	40		
BRIPEW41	2/22/2010 14:43	5.8		-11.2	28		
BRIPEW41	3/18/2010 17:06	11.2		-1.4	62		
BRIPEW41	4/29/2010 16:59	6.23	-0.76		87.6		
BRIPEW41	5/26/2010 9:57	11.24	-1.31		89.2		
BRIPEW41	6/24/2010 13:35	12.38	-0.87		90.7		
BRIPEW42	1/21/2010 15:39	11.7		-0.9	38		
BRIPEW42	2/22/2010 14:37	0		0.6	28		
BRIPEW42	2/22/2010 14:39	0		-2.4	25	<1	day until compliant vacuum achieved
BRIPEW42	3/18/2010 17:08	5.7		-0.7	62		
BRIPEW42	4/29/2010 17:02	4.99	-0.63		86		
BRIPEW42	5/26/2010 10:00	9.83	-0.7		90.8		
BRIPEW42	6/24/2010 13:38	10.1	-0.67		90.9		
BRIPEW43	1/21/2010 15:42	3.6		-1.3	40		
BRIPEW43	2/22/2010 14:32	0.1		0	30		
BRIPEW43	2/22/2010 14:34	0		-3.1	30	<1	day until compliant vacuum achieved
BRIPEW43	3/18/2010 17:11	3.7		-2.9	60		
BRIPEW43	4/29/2010 17:05	0.25	-1.27		80.2		
BRIPEW43	5/26/2010 10:02	4.55	-3.01		83.8		
BRIPEW43	6/24/2010 13:42	0.16	-0.17		88.6		
BRIPEW43	6/24/2010 13:43	0.58	-1.59		87.5		
BRIPEW44	1/21/2010 15:45	14.3		-1	38		
BRIPEW44	2/22/2010 14:28	12.9		-0.8	28		
BRIPEW44	3/18/2010 17:14	14		-0.7	62		
BRIPEW44	4/29/2010 17:08	10.48	-0.51		86.2		
BRIPEW44	5/26/2010 10:05	13.09	-0.53		89.6		
BRIPEW44	6/24/2010 13:46	9.85	-0.47		91.1		
BRIPEW45	1/21/2010 15:47	16.2		-0.9	35		
BRIPEW45	2/22/2010 14:25	19.1		-0.7	25		
BRIPEW45	3/18/2010 17:16	17.8		-0.4	62		
BRIPEW45	4/29/2010 17:12	18.88	-0.45		87.4		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

## Bridgeton Landfill Wellfield Data

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (Inches H <sub>2</sub> O)	Adjusted Static Pressure (Inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIPEW45	5/26/2010 10:08	18.35	-0.45		92.1		
BRIPEW45	6/24/2010 13:48	18.68	-0.42		93.2		
BRIPEW46	1/21/2010 15:50	14.8		-0.8	38		
BRIPEW46	2/22/2010 14:23	17.1		-1.4	28		
BRIPEW46	3/18/2010 17:19	17		-1.4	60		
BRIPEW46	4/29/2010 17:13	17.97	-1.19		78.2		
BRIPEW46	5/26/2010 10:13	17.81	-1.17		82.8		
BRIPEW46	6/24/2010 13:51	18.11	-1.26		86.3		
BRIPEW47	1/21/2010 15:53	12.5		-1	38		
BRIPEW47	2/22/2010 14:20	17.5		-1.4	30		
BRIPEW47	3/18/2010 17:23	17.2		-1.1	60		
BRIPEW47	4/29/2010 17:18	18.36	-1.13		81.5		
BRIPEW47	5/26/2010 10:15	17.97	-1.13		86.3		
BRIPEW47	6/24/2010 13:54	17.35	-1.18		89		
BRIPEW48	1/21/2010 15:55	14.8		-3.9	42		
BRIPEW48	1/21/2010 15:57	15.2		-2.4	42		
BRIPEW48	2/22/2010 14:17	17.1		-2.3	30		
BRIPEW48	3/18/2010 17:26	18.3		-0.7	68		
BRIPEW48	4/29/2010 17:20	17.82	-1.2		84.2		
BRIPEW48	5/26/2010 10:18	17.99	-1.17		89.3		
BRIPEW48	6/24/2010 13:56	16.88	-1.09		90.1		
BRIPEW49	1/21/2010 15:59	8		-1.3	38		
BRIPEW49	2/22/2010 14:13	16.9		-1.2	25		
BRIPEW49	3/18/2010 17:28	16.1		-0.8	65		
BRIPEW49	4/29/2010 17:23	17.34	-0.78		83.7		
BRIPEW49	5/26/2010 10:20	17.61	-0.74		90.1		
BRIPEW49	6/24/2010 13:59	15.58	-0.64		89.9		
BRIPEW50	1/21/2010 16:02	0		-2.5	40		
BRIPEW50	1/21/2010 16:04	0		-3.4	42		
BRIPEW50	2/22/2010 14:10	3.1		-3.6	40		
BRIPEW50	3/18/2010 17:32	2.4		-3.4	70		
BRIPEW50	4/29/2010 17:25	4.21	-3.52		81.4		
BRIPEW50	5/26/2010 10:23	7.71	-4		85.1		
BRIPEW50	6/24/2010 14:02	7.33	-4.44		87.6		
BRIPEW51	1/21/2010 16:06	9.9		-8	38		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

## Bridgeton Landfill Wellfield Data

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRIPEW51	2/22/2010 14:07	9.9		-8.8	28		
BRIPEW51	3/18/2010 17:35	5.7		-8.7	62		
BRIPEW51	4/29/2010 17:28	8.49	-10.65		78.9		
BRIPEW51	5/26/2010 10:26	8.49	-10.82		85.8		
BRIPEW51	6/24/2010 14:04	8.68	-13.06		87.1		
BRIPEW52	1/21/2010 16:10	0.2		-29.2	35		
BRIPEW52	2/22/2010 14:01	0		-6	25		
BRIPEW52	2/22/2010 14:03	0		-36	25		
BRIPEW52	3/18/2010 17:38	12.8		-17.4	65		
BRIPEW52	4/29/2010 17:31	0.1	-29.6		82.3		
BRIPEW52	5/26/2010 10:29	0.2	-25.34		88.7		
BRIPEW52	6/24/2010 14:08	0.46	-27.15		89.9		
BRIPEW53	1/21/2010 16:12	1		-1.4	45		
BRIPEW53	1/21/2010 16:13	1.6		-5	48		
BRIPEW53	2/22/2010 13:58	3.8		-8.6	32		
BRIPEW53	3/18/2010 17:40	2.4		-19.7	62		
BRIPEW53	4/29/2010 17:34	0	3.18		81		
BRIPEW53	4/29/2010 17:36	0	-13.06		80.8	<1	day until compliant vacuum achieved
BRIPEW53	5/26/2010 10:32	0	-14.95		84.5		
BRIPEW53	5/26/2010 10:34	0	-25.21		84.2		
BRIPEW53	6/24/2010 14:11	0.09	-25.39		86.3		
BRIPEW60	1/21/2010 16:17	1.6		-6.7	48		
BRIPEW60	2/22/2010 13:52	0.7		-9.5	30		
BRIPEW60	3/18/2010 17:45	1.4		-8	60		
BRIPEW60	4/29/2010 17:39	0.41	-6.19		79.4		
BRIPEW60	5/26/2010 10:37	0	-1.76		85.1		
BRIPEW60	5/26/2010 10:39	0	-15.64		81.9		
BRIPEW60	6/24/2010 14:14	3.54	-4.43		88.9		
BRLCS-1D	1/12/2010 15:14	0	128		90		
BRLCS-1D	1/12/2010 15:28	0	24.8		90		
BRLCS-1D	1/21/2010 10:49	0		-35.6	72	9	days until compliant vacuum achieved
BRLCS-1D	2/4/2010 10:25	0		-28.7	75		
BRLCS-1D	2/4/2010 10:27	0		-30.3	75		
BRLCS-1D	2/22/2010 10:49	0		-31.7	68		
BRLCS-1D	2/22/2010 10:50	0		-34.6	68		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

## Bridgeton Landfill Wellfield Data

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (Inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRLCS-1D	3/5/2010 12:47	0		-42.7	88		
BRLCS-1D	3/18/2010 16:31	0		-37.2	85		
BRLCS-1D	4/13/2010 13:07	0	117.01		84		
BRLCS-1D	4/13/2010 13:12	0	-0.59		93	<1	day until compliant vacuum achieved

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

### Bridgeton Landfill Wellfield Data

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRLCS-1D	4/28/2010 11:03	0	-38.06		80		
BRLCS-1D	4/28/2010 11:05	0	-41.28		80		
BRLCS-1D	5/11/2010 11:18	0	-44.46		86		
BRLCS-1D	5/25/2010 11:01	0	-38.19		90		
BRLCS-1D	6/7/2010 16:28	0	115.03		85		
BRLCS-1D	6/7/2010 16:31	0	-31.53		88	<1	day until compliant vacuum achieved
BRLCS-1D	6/23/2010 14:46	0	105.28		98		
BRLCS-1D	6/23/2010 14:47	0	-33.33		92	<1	day until compliant vacuum achieved
BRLCS-2D	1/12/2010 15:46	0	-31.8		60		
BRLCS-2D	1/21/2010 12:02	0		-38.4	50		
BRLCS-2D	2/4/2010 10:49	0		-43.9	55		
BRLCS-2D	2/22/2010 11:18	0		-39.6	58		
BRLCS-2D	3/5/2010 13:00	0		-43.7	68		
BRLCS-2D	3/18/2010 17:00	0.7		-42.7	70		
BRLCS-2D	4/13/2010 13:41	0	-42.27		76		
BRLCS-2D	4/28/2010 11:32	0.03	-43.99		74		
BRLCS-2D	5/11/2010 11:43	0	-46.69		78		
BRLCS-2D	5/25/2010 11:19	0	-41.28		84		
BRLCS-2D	6/7/2010 16:53	0.05	-43.34		80		
BRLCS-2D	6/23/2010 14:58	0.02	-45.36		88		
BRLCS-3C	1/12/2010 15:50	0	-24.2		65		
BRLCS-3C	1/21/2010 11:59	0		-30.7	60		
BRLCS-3C	2/4/2010 10:46	0		-35.6	60		
BRLCS-3C	2/22/2010 11:14	0		-28.8	62		
BRLCS-3C	3/5/2010 12:58	0		-35	75		
BRLCS-3C	3/18/2010 16:57	0.1		-34.8	80		
BRLCS-3C	4/13/2010 14:02	0	-35.44		90		
BRLCS-3C	4/28/2010 11:21	0.35	-37.11		80		
BRLCS-3C	5/11/2010 11:40	0.07	-40.38		82		
BRLCS-3C	5/25/2010 11:15	0.07	-36.08		90		
BRLCS-3C	6/7/2010 16:50	0.31	-35.44		85		
BRLCS-3C	6/23/2010 14:55	0.19	-39.52		98		
BRLCS-4B	3/18/2010 16:22	10.8		0	70		
BRLCS-4B	3/18/2010 16:27	5.8		-43.3	68	<1	day until compliant vacuum achieved
BRLCS-4B	4/1/2010 8:32	0	11.36		122	14	days until compliant oxygen concentration achieved

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

## Bridgeton Landfill Wellfield Data

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRLCS-4B	4/1/2010 8:38	0	-2.75		130	<1	day until compliant vacuum achieved
BRLCS-4B	4/13/2010 12:02	0.23	-42.96		118		
BRLCS-4B	4/13/2010 12:06	0.24	-41.62		118		
BRLCS-4B	4/28/2010 10:52	3.09	-46.74		82		
BRLCS-4B	5/25/2010 10:54	0.34	-43.99		130		
BRLCS-4B	5/25/2010 10:58	0.34	-43.64		130		
BRLCS-4B	6/7/2010 16:17	0.02	-44.37		126		
BRLCS-4B	6/23/2010 14:39	0.14	-48.71		102		
BRLCS-5A	1/12/2010 15:41	0	-38.1		85		
BRLCS-5A	1/21/2010 10:58	0		-45.9	80		
BRLCS-5A	2/4/2010 10:40	0		-47.8	80		
BRLCS-5A	2/22/2010 11:08	0		-46.8	78		
BRLCS-5A	3/5/2010 12:55	0		-44.9	92		
BRLCS-5A	3/18/2010 16:38	0		-46.4	88		
BRLCS-5A	4/13/2010 13:18	0	-40.21		96		
BRLCS-5A	4/28/2010 11:16	0.2	-45.7		92		
BRLCS-5A	5/11/2010 11:35	0.03	-48.24		91		
BRLCS-5A	5/25/2010 11:10	0.19	-43.3		100		
BRLCS-5A	6/7/2010 16:45	0.14	-43.99		92		
BRLCS-5A	6/23/2010 14:51	0.09	-47.42		100		
BRLCS-6A	1/12/2010 15:23	0.3	-0.3		70		
BRLCS-6A	1/21/2010 10:55	0.1		-0.3	48		
BRLCS-6A	2/4/2010 10:35	0		-0.3	50		
BRLCS-6A	2/22/2010 11:04	0.2		-1.4	42		
BRLCS-6A	2/22/2010 11:05	0.5		-1.4	42		
BRLCS-6A	3/5/2010 12:53	1.5		-0.4	68		
BRLCS-6A	3/18/2010 16:35	2.5		-0.6	80		
BRLCS-6A	4/13/2010 13:24	6.09	-0.58		99		
BRLCS-6A	4/13/2010 13:26	6.4	-0.59		99		
BRLCS-6A	4/28/2010 11:11	12.45	-0.48		69		
BRLCS-6A	4/28/2010 11:13	12.66	-0.48		69		
BRLCS-6A	5/11/2010 11:22	20.52	-1.03		75		
BRLCS-6A	5/11/2010 11:24	20.64	-1.02		75		
BRLCS-6A	5/25/2010 11:05	20.51	-0.51		92		
BRLCS-6A	5/25/2010 11:07	20.62	-0.5		92		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

## Bridgeton Landfill Wellfield Data

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Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRLCS-6A	6/7/2010 16:40	10.87	-0.06		90		
BRLCS-6A	6/7/2010 16:42	9.65	-0.06		90		
BRLCS-6A	6/21/2010 15:12	11.62	-0.03		99.8		
BRLCS-6A	6/21/2010 15:20	10.39	-0.01		104.7		well noncompliant with oxygen concentration at the end of the 1st half 2010

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

## **APPENDIX B**

### **CONTROL DEVICE DOWNTIME TABLE**

**Control Device Downtime**  
**Bridgeton Landfill, LLC**  
**Reporting Period January 1, 2010 through June 30, 2010**

<b>Initial Type of Event</b>	<b>Date(s) of Event</b>	<b>Duration of Event (hours:min:sec)</b>	<b>Description of Event</b>
Malfunction	1/5/2010 2:59	3:37:00	Low temperature alarm caused flare not to restart
Malfunction	1/5/2010 16:26	3:30:00	Variable frequency drive failed causing the flare not to restart
Malfunction	1/6/2010 10:02	3:24:00	Variable frequency drive failed causing the flare not to restart
Malfunction	1/6/2010 16:01	15:35:00	Variable frequency drive failed causing the flare not to restart
Malfunction	1/7/2010 7:51	1:10:00	Variable frequency drive failed causing the flare not to restart
Shutdown	1/7/2010 9:56	7:00:00	Inspection of flare identified malfunction
Shutdown	1/18/2010 11:17	7:49:00	Flare shut down to allow contractors to finalize installation of pumps in a number of gas extraction wells that exhibit significant water levels per the scheduled maintenance notification
Malfunction	1/25/2010 3:44	6:30:00	Out of compressed nitrogen used to operate the flare's pneumatic auto valve.
Shutdown	2/2/2010 6:44	1:04:00	Flare was shut down while installation of the air line connections for the new pumps for the gas extraction wells was completed
Malfunction	2/12/2010 13:52	1:36:00	Flare automatically shut down due to condensate collecting in the backup blower line.
Malfunction	2/18/2010 12:57	1:01:00	Flare was shut down to drain condensate that had collected in the backup blower line.
Shutdown	2/19/2010 7:36	1:14:00	Completion of pumps installation
Shutdown	2/23/2010 9:34	1:39:00	Troubleshooting of the vacuum controller
Malfunction	3/1/2010 21:43	20:09:00	Flare automatically shut down due to an air line rupture
Shutdown	3/10/2010 13:06	1:03:00	Replacement of the solenoid on the auto block valve
Malfunction	3/12/2010 22:40	3:16:00	Air leak at GEW82
Malfunction	3/25/2010 15:07	2:24:00	Power surge, automatic shutdown by unit's protective system
Shutdown	3/30/2010 8:06	3:29:00	Maintenance shutdown for PLC replacement
Malfunction	4/2/2010 14:12	4:22:00	Malfunction of the variable frequency drive

\*Per NSPS only periods in excess of one hour are reported.

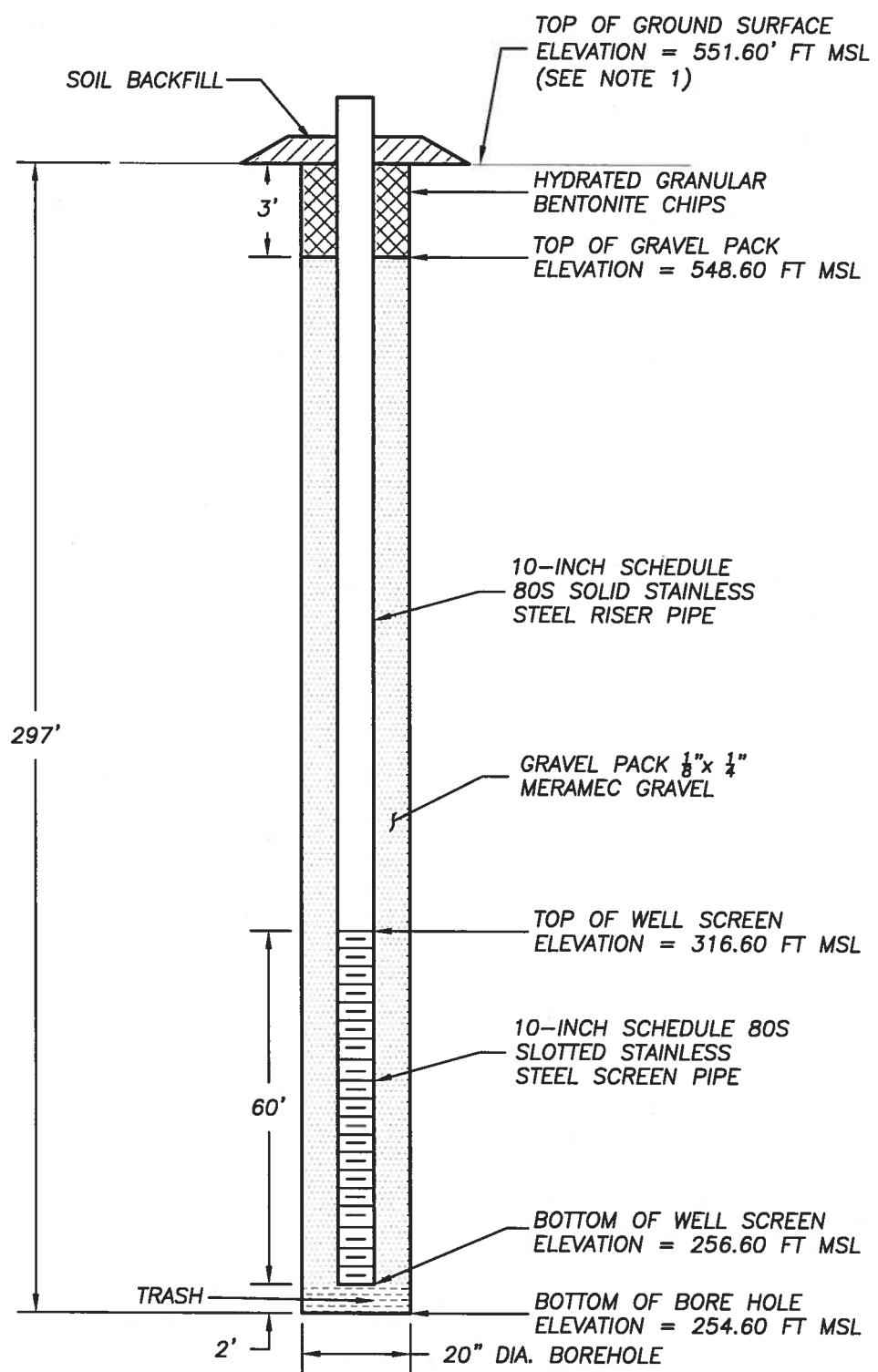
**Control Device Downtime**  
**Bridgeton Landfill, LLC**  
**Reporting Period January 1, 2010 through June 30, 2010**

<b>Initial Type of Event</b>	<b>Date(s) of Event</b>	<b>Duration of Event (hours:min:sec)</b>	<b>Description of Event</b>
Malfunction	4/26/2010 13:25	2:29:00	Auto valve failure caused by the compressor
Shutdown	4/29/2010 13:29	1:24:00	Maintenance to install a new variable frequency drive
Malfunction	5/7/10 21:13	11:30:00	Low temperature shutdown
Malfunction	5/8/10 23:38	9:00:00	Low temperature shutdown
Shutdown	5/18/10 5:48	3:06:00	Maintenance to install a new flow meter
Malfunction	5/26/10 22:47	9:00:00	Low temperature shutdown due to automatic louver motors malfunction
Malfunction	5/27/10 23:47	139:06:00	Low temperature shutdown due to automatic louver motors malfunction
Shutdown	6/8/10 7:08	4:56:00	Maintenance to replace the louver motors

\*Per NSPS only periods in excess of one hour are reported.

**APPENDIX C**

**WELL CONSTRUCTION DIAGRAMS**



NOTES:

1. SURVEY DATA BASED ON 2/10/10  
TOPOGRAPHICAL SURVEY DATA BY  
SHERBUT-CARSON-CLAXTON, LLC.

**AQUATELLA**

ENVIRONMENTAL SOLUTIONS, INC.

13 Executive Drive, Suite 1  
Fairview Heights, Illinois 62208

**AS-BUILT DETAIL**  
**LEACHATE COLLECTION SUMP 4B INSTALLATION CQA**  
**BRIDGETON LANDFILL, LLC**  
**BRIDGETON, MISSOURI**

Project Mgr.	RHH	Drawn By	RLH	Designed By	TKJ	Project No.
NOT TO SCALE		Date	01/22/10	File Name	3737.10 LCS-4B Detail.dwg	Figure No. 1

**APPENDIX D**

**SURFACE EMISSION MONITORING DATA**



*Global Presence  
Personal Attention*

Mr. Dave Vasbinder  
Bridgeton Landfill, LLC  
13570 St. Charles Rock Rd.  
Bridgeton, MO 63044

April 28, 2010

Dear Mr. Vasbinder:

**Second Quarter 2010 NSPS Surface Emission Scan Results  
Bridgeton Landfill, LLC**

Per the 1998 Bridgeton Landfill Gas Collection and Control Monitoring Plan, Herst & Associates, Inc. performed surface-monitoring activities on April 28, 2010 as part of Annual New Source Performance Standards (NSPS) sampling. The activities were performed using a Gastech GT201 gas-monitoring device calibrated using 50% Lower Explosive Limit (LEL) methane. In accordance with Section 2.5 of the Landfill Collection and Control Monitoring Plan, a background concentration is measured prior to landfill surface measurements by moving the probe inlet upwind and downwind outside the boundary of the landfill at a distance of at least thirty (30) meters from perimeter wells. Prior to surface monitoring on April 28, 2010, upwind background and downwind background measurements were conducted near the southeast corner of the landfill and near the landfill office respectively. Both upwind background and downwind background readings were recorded as 000 ppm.

The sampling was conducted by measuring methane concentrations throughout the area described by the attached figure. For the monitored portion of the facility, Herst and Associates, Inc. performed sampling by pacing off approximately 100 feet and recording a measurement in a serpentine manner across the surface and perimeter of the landfill.

As described in the Landfill Collection and Control Monitoring Plan, readings greater than 500 ppm above background require re-sampling and possible corrective action. During the April 28, 2010 surface monitoring activities, no detections were observed where methane concentrations were in excess of 500 ppm above background.

Should you have any questions or concerns, please contact the undersigned at your earliest convenience.

Sincerely,

HERST & ASSOCIATES, INC.



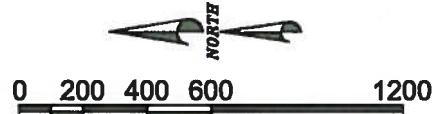
Brandon Killion  
Staff Environmental Scientist



Ward E. Herst, P.G.  
Managing Partner

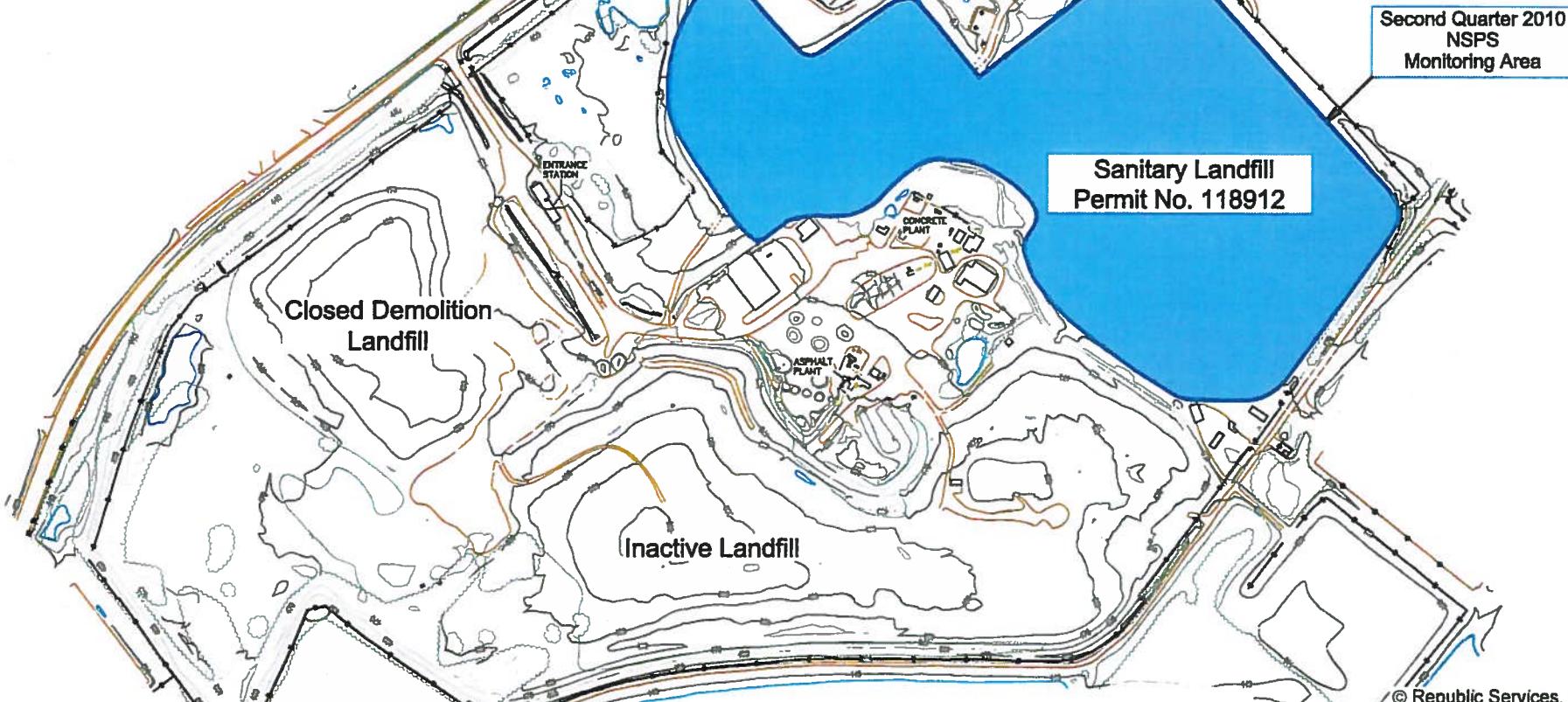
Cc: Jared Romaine, Monitoring Control and Compliance

Attachments: *Second Quarter 2010 Monitoring Area Map*  
*Surface Emission Monitoring Data*



Scale in Feet  
Graphic Scale: 1 inch = 600 feet

TOPOGRAPHY PROVIDED BY SANBORN, JANUARY 20, 2005



© Republic Services, Inc. (2010)



HERST & ASSOCIATES, INC.®

4630 South Highway 94  
North Outer Road  
St. Charles, Missouri 63304  
Phone (636) 939-9111  
Fax (636) 939-9757

Bridgeton Landfill  
Bridgeton, Missouri

Second Quarter 2010  
Monitoring Area Map



Global Presence  
Personal Attention

### Surface Emission Monitoring Data

Date: 4/28/10

Site: Bridgeton Landfill

Location: Bridgeton, MO

Personnel: Brandon Killion + Leslie Keuss

Weather Information:

Wind Direction: East

Wind Speed: 25 MPH

Temperature: 65°F

Barometric Pressure: 29.78"

Weather Conditions: Sunny

Calibration Information

Pre-monitoring Calibration Precision Check

Procedure: Calibrate the instrument. Make a total of three measurements by alternating zero air and the calibration gas. Record the readings and calculate the average algebraic difference between the instrument reading and the calibration gas as a percentage. The calibration precision must be less than or equal to 10% of the calibration gas value.

Instrument ID #: \_\_\_\_\_

Calibration Gas Concentration: \_\_\_\_\_ %LEL

Trial	Zero Air Reading	Calibration Gas Reading	(Cal Gas Conc - Cal Gas Reading)
1	0 ppm	50%	0
2	0 ppm	50%	0
3	0 ppm	50%	0

Average Difference: 0

$$\begin{aligned} \text{Calibration Precision} &= \text{Average Difference} / \text{Cal Gas Conc} \times 100\% \\ &= \underline{0} / \underline{50} \times 100\% \\ &= \underline{0} \% \end{aligned}$$

Post Monitoring Calibration Check

Zero Air Reading: 000 ppm

Cal Gas Reading: 50% LEL

Background Concentration Checks

Upwind Location Description: S.E. Corner of Landfill Reading: 000 ppm

Downwind Location Description: Landfill Office Reading: 000 ppm

Notes:

Weather conditions from www.noaa.com



*Global Presence  
Personal Attention*

Mr. Dave Vasbinder  
Bridgeton Landfill, LLC  
13570 St. Charles Rock Rd.  
Bridgeton, MO 63044

June 4, 2010

Dear Mr. Vasbinder:

**Second Quarter 2010 Non-Routine NSPS Surface Emission Scan Results  
Bridgeton Landfill, LLC.**

Pursuant to your request, Herst & Associates, Inc. performed surface emission monitoring (SEM) at the Bridgeton Landfill on June 4, 2010. We understand that the SEM was requested in response to a recent flare outage, which has since been addressed. The activities were performed using a Gastech GT201 gas-monitoring device calibrated using 50% Lower Explosive Limit (LEL) methane. In accordance with Section 2.5 of the facility's Landfill Gas Collection and Control Monitoring Plan (AEC, 1998) background concentrations are measured upwind and downwind outside the boundary of the landfill at a distance of at least thirty meters from perimeter wells. Prior to surface emission monitoring on June 4, 2010, upwind background and downwind background measurements were conducted near the southeast corner of the landfill and near the landfill office respectively. Both upwind background and downwind background readings were recorded as 0 ppm.

The sampling was conducted by measuring methane concentrations throughout the area described by the attached figure. For the monitored portion of the facility, Herst and Associates, Inc. performed sampling by pacing off approximately 100 feet in a serpentine manner across the surface and perimeter of the landfill and performing measurements.

As described in the Landfill Gas Collection and Control Monitoring Plan, readings greater than 500 ppm above background require re-sampling and possible corrective action. During the June 4, 2010 surface monitoring activities, no methane concentrations were greater than 500 ppm above background.

Should you have any questions or concerns, please contact the undersigned at your earliest convenience.

Second Quarter 2010 NSPS Non-Routine Surface Emission Scan Results  
Bridgeton Landfill, LLC Missouri

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Sincerely,

HERST & ASSOCIATES, INC.



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Attachments: *Second Quarter 2010 Monitoring Area Map*  
*Surface Emission Monitoring Data*



Scale in Feet  
Graphic Scale: 1 inch = 600 feet

TOPOGRAPHY PROVIDED BY SANBORN, JANUARY 20, 2005

Second Quarter 2010  
NSPS  
Monitoring Area

Sanitary Landfill  
Permit No. 118912

Closed Demolition  
Landfill

Inactive Landfill

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Bridgeton Landfill  
Bridgeton, Missouri

Second Quarter 2010  
Monitoring Area Map



HERST &amp; ASSOCIATES, INC. ®

Global Presence  
Personal Attention

## Surface Emission Monitoring Data

Date: 6/2/10Site: Bridgeton LandfillLocation: Bridgeton, MOPersonnel: Erin Fanning

## Weather Information:

Wind Direction: WestWind Speed: 20 MPHTemperature: 80°FBarometric Pressure: 29.85"Weather Conditions: Sunny

## Calibration Information

## Pre-monitoring Calibration Precision Check

Procedure: Calibrate the instrument. Make a total of three measurements by alternating zero air and the calibration gas. Record the readings and calculate the average algebraic difference between the instrument reading and the calibration gas as a percentage. The calibration precision must be less than or equal to 10% of the calibration gas value.

Instrument ID #: \_\_\_\_\_

Calibration Gas Concentration: \_\_\_\_\_ %LEL

Trial	Zero Air Reading	Calibration Gas Reading	(Cal Gas Conc - Cal Gas Reading)
1	0 ppm	50%	0
2	0 ppm	50%	0
3	0 ppm	50%	0

Average Difference: 0

$$\begin{aligned} \text{Calibration Precision} &= \text{Average Difference} / \text{Cal Gas Conc} \times 100\% \\ &= \underline{0} / \underline{50} \times 100\% \\ &= \underline{0} \% \end{aligned}$$

## Post Monitoring Calibration Check

Zero Air Reading: 000 ppmCal Gas Reading: 50% LEL

## Background Concentration Checks

Upwind Location Description: S.E. Corner of landfill Reading: 000 ppm  
Downwind Location Description: Landfill Office Reading: 000 ppm

## Notes:

Weather conditions from www.noaa.com